

Detailed MS Schedule (Tentative, as on 02 August 2017)

| Date | Time | Hall | Theme | Microsymposium (MS) | ABS-Num. | Abstract Title | Presentation Type | Sequence | Chair/Author Name | Database ID |
|------------|-----------|--------------|---------------------------------------|--|----------|---|-------------------|----------|-----------------------|-------------|
| 22-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-009: Enzymes, mechanism and drug design | | | CHAIR | 0 | Marjolein Thunnissen | 1607 |
| 22-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-009: Enzymes, mechanism and drug design | | | CHAIR | 0 | Anthony Addlagatta | 744 |
| 22-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-009: Enzymes, mechanism and drug design | 381 | How oxygenases catalyze a variety of reactions? | Oral 30 mins | 1 | Prof S Ramaswamy | 791 |
| 22-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-009: Enzymes, mechanism and drug design | 662 | Time-resolved XFEL crystallography and spectroscopy of cytochrome c oxidase | Oral 30 mins | 2 | Dr Minoru Kubo | 1078 |
| 22-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-009: Enzymes, mechanism and drug design | 1408 | Validation of a 96-Fragment Library for Crystallographic Screening | Oral 30 mins | 3 | Prof Andreas Heine | 90 |
| 22-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-009: Enzymes, mechanism and drug design | 1791 | Proton transfer inhibition by molecular anion substitutions in Photosystem II | Oral 15 mins | 4 | Dr Yasufumi Umena | 1901 |
| 22-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-009: Enzymes, mechanism and drug design | 92 | Structure guided design of aromatic biosensors for water quality monitoring | Oral 15 mins | 5 | Ms Shamayeeta Ray | 302 |
| 22-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-009: Enzymes, mechanism and drug design | 1873 | Functional and structural exploration of the Abyssomicin C synthetic pathway | Oral 15 mins | 6 | Dr Alice Parnell | 1987 |
| 22-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-009: Enzymes, mechanism and drug design | 1426 | Design of peptidic inhibitors targeting the dimerization interface of galectins | Oral 15 mins | 7 | Dr Jacinthe Gagnon | 471 |
| 22-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-001: Analysis and validation of protein ligand structures | | | CHAIR | 0 | Bohdan Schneider | 103 |
| 22-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-001: Analysis and validation of protein ligand structures | | | CHAIR | 0 | Andreas Heine | 90 |
| 22-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-001: Analysis and validation of protein ligand structures | 960 | Small-molecule ligand/drug representation and validation in the Protein Data Bank | Oral 30 mins | 1 | Prof Genji Kurisu | 658 |
| 22-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-001: Analysis and validation of protein ligand structures | 185 | Mogul: A tool to analyze protein bound ligand structures | Oral 30 mins | 2 | Dr Sivakumar Sekharan | 283 |

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| 22-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-001: Analysis and validation of protein ligand structures | 752 | The impact of crystallisation conditions on Structure-based drug design | Oral 30 mins | 3 | Dr Orly Dym | 411 |
| 22-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-001: Analysis and validation of protein ligand structures | 1058 | Polder maps: Improving OMIT maps for ligand building and validation | Oral 30 mins | 4 | Dr Dorothee Claudia Liebschner | 1312 |
| 22-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-001: Analysis and validation of protein ligand structures | 488 | Correcting the Record - Cofactor binding of Human Pyrroline-5-Carboxylate Reductase | Oral 15 mins | 5 | Prof Kurt L Krause | 898 |
| 22-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-001: Analysis and validation of protein ligand structures | 1162 | Structure-based drug designing against Plasmepsins from Plasmodium falciparum | Oral 15 mins | 6 | Ms Vandana Mishra | 1457 |
| 22-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-002: Crystallographic approach for designing new metal organic frameworks | | | CHAIR | 0 | Qiaowei Li | 665 |
| 22-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-002: Crystallographic approach for designing new metal organic frameworks | | | CHAIR | 0 | Felipe Gandara | 756 |
| 22-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-002: Crystallographic approach for designing new metal organic frameworks | 186 | Multicomponent Metal-Organic Frameworks | Oral 30 mins | 1 | Prof Shane Telfer | 513 |
| 22-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-002: Crystallographic approach for designing new metal organic frameworks | 1718 | New Materials from the Packing and Linking of Supramolecular Nanoballs | Oral 30 mins | 2 | Prof Stuart Robert Batten | 1855 |
| 22-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-002: Crystallographic approach for designing new metal organic frameworks | 193 | Harnessing the knowledge of metal-organic frameworks | Oral 30 mins | 3 | Dr Peter Andrew Wood | 174 |
| 22-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-002: Crystallographic approach for designing new metal organic frameworks | 576 | SOME TITANIUM PHOSPHATES AS HOST MATERIALS: A CRYSTALLOGRAPHIC PERSPECTIVE | Oral 30 mins | 4 | Prof Santiago Garcia-Granda | 186 |
| 22-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-002: Crystallographic approach for designing new metal organic frameworks | 1806 | Strategies for the Design of Functional MOFs: Addressing Energy-intensive Separations | Oral 30 mins | 5 | Prof Mohamed Eddaoudi | 1422 |

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| 22-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-003: Crystal engineering solutions to improve pharmaceutical tableting | | | CHAIR | 0 | Thomas Hartman | 2164 |
| 22-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-003: Crystal engineering solutions to improve pharmaceutical tableting | | | CHAIR | 0 | Changun Calvin Sun | 1721 |
| 22-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-003: Crystal engineering solutions to improve pharmaceutical tableting | 1689 | Effect of crystallographic features on tableting behaviour of pharmaceutical actives | Oral 30 mins | 1 | Prof Arvind Bansal | 1840 |
| 22-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-003: Crystal engineering solutions to improve pharmaceutical tableting | 1882 | Correspondence between crystal structures and tabletability in nitrofurantoin cocrystals | Oral 30 mins | 2 | Dr Venu R. Vangala | 1485 |
| 22-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-003: Crystal engineering solutions to improve pharmaceutical tableting | 1010 | Aggregate elasticity and compaction performance: powder Brillouin light scattering | Oral 30 mins | 3 | Prof Lewis L. Stevens | 1349 |
| 22-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-003: Crystal engineering solutions to improve pharmaceutical tableting | 481 | Synergistic enhancement of tabletability and physicochemical properties through cocrystallization | Oral 30 mins | 4 | Dr Srinivasulu Aitipamula | 879 |
| 22-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-003: Crystal engineering solutions to improve pharmaceutical tableting | 556 | Synthonic-Molecular Modelling of Pentaerythritol and Pentaerythritol Tetranitrate Slip Systems | Oral 15 mins | 5 | Dr Siti Fatimah Ibrahim | 970 |
| 22-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-003: Crystal engineering solutions to improve pharmaceutical tableting | 1277 | Impact of microstructure on compaction behaviour of aspirin-paracetamol eutectic system | Oral 15 mins | 6 | Mr Sandeep S. Zode | 1431 |
| 22-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-004: Novel direct methods for electron diffraction and imaging | | | CHAIR | 0 | Stavros Nicolopoulos | 1181 |
| 22-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-004: Novel direct methods for electron diffraction and imaging | | | CHAIR | 0 | Partha Ghoshal | 258 |
| 22-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-004: Novel direct methods for electron diffraction and imaging | 1968 | From Low Dose In-Line Electron Holography to Atomic Resolution Tomography | Oral 30 mins | 1 | Prof Fu-Rong Chen | 2396 |

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| 22-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-004: Novel direct methods for electron diffraction and imaging | 1417 | Investigation of layered and porous nanomaterials by electron diffraction tomography | Oral 30 mins | 2 | Mr Yasar Krysiak | 1646 |
| 22-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-004: Novel direct methods for electron diffraction and imaging | 1137 | Determination of very beam-sensitive zeolite ITQ-57 by energy-filtered Timepix data | Oral 30 mins | 3 | Dr Enrico Mugnaioli | 1449 |
| 22-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-004: Novel direct methods for electron diffraction and imaging | 495 | Accurate Determination of Crystal Orientation from Rotation Electron Diffraction Data | Oral 15 mins | 4 | Mr Bin Wang | 731 |
| 22-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-004: Novel direct methods for electron diffraction and imaging | 511 | Electron Crystallography of Protein Nano-Crystals | Oral 15 mins | 5 | Dr Igor Nederlof | 922 |
| 22-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-004: Novel direct methods for electron diffraction and imaging | 1450 | Solving an unknown phase in a HP/HT Sr-Cu-Ge-O sample | Oral 15 mins | 6 | Dr Holger Klein | 1662 |
| 22-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-005: Total scattering | | | CHAIR | 0 | Eduardo Granado | 1671 |
| 22-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-005: Total scattering | | | CHAIR | 0 | Katherine Page | 2009 |
| 22-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-005: Total scattering | 1603 | Anomalously large magnetoresistance in an antiferromagnet | Oral 30 mins | 1 | Prof Despina Louca | 1754 |
| 22-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-005: Total scattering | 1240 | The Automated XPDF Beamline at Diamond Light Source | Oral 30 mins | 2 | Dr Philip Anthony Chater | 1533 |
| 22-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-005: Total scattering | 90 | Local Structure of Bi4TaO8Cl Nanophotocatalyst by NPDF Analysis | Oral 30 mins | 3 | Dr Nalini Ganapathy Sundaram | 58 |
| 22-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-005: Total scattering | 30 | Local structure of dielectric framework materials | Oral 30 mins | 4 | Dr Anthony Phillips | 85 |
| 22-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-005: Total scattering | 384 | Local structure study during hydrogenation by time-resolved x-ray total scattering | Oral 30 mins | 5 | Dr Akihiko Machida | 795 |

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| 22-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-006: Computational materials design | | | CHAIR | 0 | Samrath Lal Chaplot | 2065 |
| 22-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-006: Computational materials design | | | CHAIR | 0 | Artem Oganov | 550 |
| 22-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-006: Computational materials design | 57 | Multilevel topological analysis in application to design of coordination networks | Oral 30 mins | 1 | Dr Eugeny V. Alexandrov | 196 |
| 22-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-006: Computational materials design | 1268 | Theoretical and experimental screening methods for functional materials design | Oral 30 mins | 2 | Dr Matthew Dunstan | 1544 |
| 22-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-006: Computational materials design | 1931 | Microscopic mechanisms of the pressure-induced amorphization of SiO ₂ | Oral 30 mins | 3 | Prof Sandro Scandolo | 1583 |
| 22-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-006: Computational materials design | 1090 | Ab initio lattice dynamics for materials design and characterisation | Oral 30 mins | 4 | Dr Jonathan Michael Skelton | 1416 |
| 22-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-006: Computational materials design | 811 | Uranium phase diagram built using machine learning interatomic potential | Oral 15 mins | 5 | Mr Ivan Kruglov | 1199 |
| 22-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-006: Computational materials design | 2055 | A Cognitive Computing Environment for Materials Research | Oral 15 mins | 6 | Dr John Rodgers | 2278 |
| 22-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-007: Topology and symmetry of modular structures | | | CHAIR | 0 | Isabella Pignatelli | 689 |
| 22-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-007: Topology and symmetry of modular structures | | | CHAIR | 0 | Sergey V. Krivovichev | 1527 |
| 22-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-007: Topology and symmetry of modular structures | 276 | Symmetry classification of modular structures with groupoid families | Oral 30 mins | 1 | Dr Berthold Stöger | 668 |
| 22-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-007: Topology and symmetry of modular structures | 1107 | From anion-centered tetrahedra to modular chemistry of Bi/La oxysalts. | Oral 30 mins | 2 | Dr Marie Colmont | 1433 |
| 22-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-007: Topology and symmetry of modular structures | 1065 | 'Hydrocerussite' puzzle | Oral 30 mins | 3 | Dr Oleg Siidra | 1395 |
| 22-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-007: Topology and symmetry of modular structures | 87 | Multidimensional structural variation in the cyanotrichite family of merotypes | Oral 15 mins | 4 | Dr Stuart James Mills | 79 |

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| 22-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-007: Topology and symmetry of modular structures | 608 | Modular crystallography of novel copper selenites and selenates: experimental mineralogy | Oral 15 mins | 5 | Dr Vadim M. Kovrugin | 420 |
| 22-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-007: Topology and symmetry of modular structures | 1219 | Layered tellurite-chlorides obtained by CVT: simple way for complex structures | Oral 15 mins | 6 | Ms Diana Olegovna Nekrasova | 409 |
| 22-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-007: Topology and symmetry of modular structures | 1403 | Structural variations of uranium compounds with nitrate anions | Oral 15 mins | 7 | Ms Anastasiya Igorevna Zadoya | 428 |
| 22-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-008: Magnetic order and its consequences | | | CHAIR | 0 | Arsene Goukassov | 910 |
| 22-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-008: Magnetic order and its consequences | | | CHAIR | 0 | Takashi Kamiyama | 1989 |
| 22-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-008: Magnetic order and its consequences | 503 | Bilayered crystal of magnetic monopoles and multiferroicity in spin ice | Oral 30 mins | 1 | Dr Arsene Goukassov | 910 |
| 22-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-008: Magnetic order and its consequences | 1875 | Some Topics in Structural Change on Magnetic Order | Oral 30 mins | 2 | Prof Takashi Kamiyama | 1989 |
| 22-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-008: Magnetic order and its consequences | 1286 | Premartensitic and Martensitic Phase Transitions in Magnetic Shape Memory Alloys | Oral 30 mins | 3 | Dr Sanjay Singh | 1504 |
| 22-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-008: Magnetic order and its consequences | 1458 | Understanding multiferroicity in the new (ND ₄) ₂ FeCl ₅ (D ₂ O) molecular magnet | Oral 30 mins | 4 | Prof Javier Campo | 1667 |
| 22-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-008: Magnetic order and its consequences | 512 | Unconventional magnetic order in GeFe ₂ O ₄ | Oral 15 mins | 5 | Ms Giuditta Perversi | 924 |
| 22-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-008: Magnetic order and its consequences | 539 | Magnetic phase diagram of Mn(Ru-Rh)As - magnetoelastic and electronic properties | Oral 15 mins | 6 | Mr Ryszard Zach | 952 |
| 22-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-018: Ion transport | | | CHAIR | 0 | Nakagawa Atsushi | 956 |
| 22-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-018: Ion transport | | | CHAIR | 0 | Daniel Minor | 2149 |
| 22-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-018: Ion transport | 1982 | Panning for precious metals: Mechanics of a transition metal transporter | Oral 30 mins | 1 | Prof Rachele Gaudet | 2154 |

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| 22-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-018: Ion transport | 2018 | Deciphering ligand induced conformational changes in the Sodium Galactose Transporter | Oral 30 mins | 2 | Prof Jeff Abramson | 2212 |
| 22-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-018: Ion transport | 2034 | Molecular mechanism of the Mg ²⁺ channel MgTE | Oral 30 mins | 3 | Prof Osamu Nureki | 1811 |
| 22-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-018: Ion transport | 2101 | Driving a wedge into the TREK channel heart | Oral 30 mins | 4 | Prof Daniel Minor | 2149 |
| 22-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-018: Ion transport | 2102 | Structural Insight of Zinc Binding of Hv1/V SOP in Resting State | Oral 30 mins | 5 | Prof Nakagawa Atsushi | 956 |
| 22-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-010: Membrane proteins, lipid-protein interactions and membrane fusion | | | CHAIR | 0 | Arun Shukla | 2033 |
| 22-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-010: Membrane proteins, lipid-protein interactions and membrane fusion | | | CHAIR | 0 | Margarida Archer | 1297 |
| 22-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-010: Membrane proteins, lipid-protein interactions and membrane fusion | 489 | Structural Dynamics of Membrane Proteins | Oral 30 mins | 1 | Prof So Iwata | 826 |
| 22-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-010: Membrane proteins, lipid-protein interactions and membrane fusion | 1348 | Interfacial lipids as modulator of membrane protein oligomerisation | Oral 30 mins | 2 | Dr Kallol Gupta | 925 |
| 22-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-010: Membrane proteins, lipid-protein interactions and membrane fusion | 834 | Challenges and Opportunities in Structure Determination of Membrane Proteins | Oral 30 mins | 3 | Dr Isabel Moraes | 1218 |
| 22-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-010: Membrane proteins, lipid-protein interactions and membrane fusion | 477 | Insights into Neurotransmitter Release from the Structure of Munc13-1 C1C2BMUN | Oral 30 mins | 4 | Prof Diana R Tomchick | 873 |
| 22-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-010: Membrane proteins, lipid-protein interactions and membrane fusion | 646 | Structures of Bak with Lipids: Implications for Pore Formation | Oral 15 mins | 5 | Dr Peter Czabotar | 1067 |
| 22-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-010: Membrane proteins, lipid-protein interactions and membrane fusion | 1598 | Charaterising PC/Cholesterol Supported Lipid Bilayers and Interactions with Human HDL | Oral 15 mins | 6 | Ms Sarah Hannah Anne Waldie | 1748 |

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| 22-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-011: Applications of post-synthesis modified metal-organic frameworks | | | CHAIR | 0 | Myoung Soo Lah | 2030 |
| 22-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-011: Applications of post-synthesis modified metal-organic frameworks | | | CHAIR | 0 | Praveen Thallapally | 358 |
| 22-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-011: Applications of post-synthesis modified metal-organic frameworks | 1866 | Ultra-Microporous MOFs for Selective CO2 Capture from Industrial Gas Mixtures | Oral 30 mins | 1 | Dr Vaidhyanathan Ramanathan | 1982 |
| 22-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-011: Applications of post-synthesis modified metal-organic frameworks | 993 | SC-SC Transformation of 2D MOFs to 3D by [2+2] Photodimerization | Oral 30 mins | 2 | Prof Hoi Ri Moon | 1332 |
| 22-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-011: Applications of post-synthesis modified metal-organic frameworks | 1973 | Modelling of MOFs for energy and environment-related applications | Oral 30 mins | 3 | Prof Guillaume Maurin | 2131 |
| 22-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-011: Applications of post-synthesis modified metal-organic frameworks | 1580 | Supramolecular Construction of an Aldehyde-Functionalized Cyclobutane in the Solid State | Oral 30 mins | 4 | Ms Shalisa Malane Oburn | 1733 |
| 22-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-011: Applications of post-synthesis modified metal-organic frameworks | 422 | Photochromic Metal Organic Frameworks for Inkless and Erasable Printing | Oral 30 mins | 5 | Mr Bikash Garai | 743 |
| 22-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-012: Structure-property correlation in pharmaceutical solids | | | CHAIR | 0 | Javier Ellena | 766 |
| 22-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-012: Structure-property correlation in pharmaceutical solids | | | CHAIR | 0 | Christian W. Lehmann | 2051 |
| 22-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-012: Structure-property correlation in pharmaceutical solids | 898 | Solvent-free methods for controllable synthesis of metastable pharmaceutical solids | Oral 30 mins | 1 | Dr Krunoslav Uzarevic | 1150 |
| 22-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-012: Structure-property correlation in pharmaceutical solids | 717 | Correlating crystal structure, Nanomechanical, and Compaction behavior of Febuxostat polymorphs | Oral 30 mins | 2 | Mr Jayprakash Amarpal Yadav | 1124 |

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| 22-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-012: Structure-property correlation in pharmaceutical solids | 640 | Pharmaceutical solid solutions of antiretroviral drugs | Oral 30 mins | 3 | Prof Alejandro Pedro Ayala | 80 |
| 22-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-012: Structure-property correlation in pharmaceutical solids | 990 | Impact of differential surface anisotropy on Biopharmaceutical Performance of Celecoxib | Oral 30 mins | 4 | Ms Poonam Singh Thakur | 1023 |
| 22-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-012: Structure-property correlation in pharmaceutical solids | 1578 | Structural origin of superior plasticity and tableability of theophylline monohydrate | Oral 15 mins | 5 | Prof Changquan Calvin Sun | 1721 |
| 22-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-012: Structure-property correlation in pharmaceutical solids | 210 | Can predicted solid form landscapes provide insight into structure-property correlations? | Oral 15 mins | 6 | Dr Andrew Gerrard Patrick Maloney | 172 |
| 22-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-013: Quantitative electron imaging and tomography | | | CHAIR | 0 | Andreas Rosenauer | 311 |
| 22-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-013: Quantitative electron imaging and tomography | | | CHAIR | 0 | Eric Van Cappellen | 417 |
| 22-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-013: Quantitative electron imaging and tomography | 52 | Integrated Differential Phase Contrast (iDPC) STEM | Oral 30 mins | 1 | Dr Ivan Lazic | 187 |
| 22-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-013: Quantitative electron imaging and tomography | 213 | Mapping atomic electric fields and charge densities by four-dimensional STEM | Oral 30 mins | 2 | Dr Knut Müller-Caspary | 438 |
| 22-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-013: Quantitative electron imaging and tomography | 342 | Electron tomography – 3D atomic, elemental and field mapping | Oral 30 mins | 3 | Dr Georg Haberfehlner | 749 |
| 22-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-013: Quantitative electron imaging and tomography | 1236 | Imaging charge transfer in crystals using electron ptychography | Oral 30 mins | 4 | Prof Peter Nellist | 1269 |
| 22-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-013: Quantitative electron imaging and tomography | 602 | Nanoscale Strain Tomography by Scanning Precession Electron Diffraction | Oral 30 mins | 5 | Mr Duncan N. Johnstone | 1027 |

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| 22-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-014: Advanced neutron sources in biological and materials sciences | | | CHAIR | 0 | Despina Louca | 1754 |
| 22-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-014: Advanced neutron sources in biological and materials sciences | 2021 | News and Perspectives of the European Spallation Source | Oral 30 mins | 1 | Prof Ken Holst Andersen | 316 |
| 22-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-014: Advanced neutron sources in biological and materials sciences | 595 | Current Status of J-PARC MLF | Oral 30 mins | 2 | Prof Toshiji Kanaya | 1015 |
| 22-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-014: Advanced neutron sources in biological and materials sciences | 1732 | The neutron powder diffractometer DREAM at the ESS | Oral 30 mins | 3 | Dr Werner Schweika | 1830 |
| 22-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-014: Advanced neutron sources in biological and materials sciences | 1476 | D19: a neutron diffractometer for small proteins and chemical crystallography | Oral 30 mins | 4 | Dr Estelle Mossou | 1677 |
| 22-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-014: Advanced neutron sources in biological and materials sciences | 1941 | New Science Capabilities at Current and Proposed U.S. Neutron Sources | Oral 30 mins | 5 | Dr Katharine Lynn Page | 2009 |
| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | | | CHAIR | 0 | Diego Lamas | 1323 |
| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | | | CHAIR | 0 | Yang Ren | 2083 |
| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | 278 | Composition-Structure-Activity Relationship for Fuel Cell Catalysts by in operando XRD | Oral 30 mins | 1 | Prof Valeri Petkov | 671 |
| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | 236 | In-situ characterization of energy materials by neutron diffraction | Oral 30 mins | 2 | Prof Jose Antonio Alonso | 591 |
| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | 1169 | Probing structural distortions with new high-precision resonant X-ray diffraction approach | Oral 15 mins | 3 | Dr Matthias Zschornak | 1479 |

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| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | 1452 | Electrochemical cells for neutron diffraction study of Li/Na-ion electrode materials | Oral 15 mins | 4 | Dr Ivan Bobrikov | 1418 |
| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | 613 | Structure Property correlation in SOFC & SOEC materials | Oral 15 mins | 5 | Prof David Gordon Billing | 1031 |
| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | 763 | In operando data of Li-Ion batteries from XRPD laboratory diffractometers | Oral 15 mins | 6 | Dr Thomas Degen | 127 |
| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | 1954 | Unravelling the photoredox pathways in CO2 photoreduction by artificial photosynthesis | Oral 15 mins | 7 | Dr Víctor Antonio De La Peña O'Shea | 1669 |
| 22-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-015: In-situ and in-operando characterization of energy materials | 1548 | A Laue Diffractometer for ambient and non-ambient Neutron Structural Analysis | Oral 15 mins | 8 | Dr Michael Tovar | 1718 |
| 22-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-017: Extending the boundaries of crystallography | | | CHAIR | 0 | Manuel Loquias | 372 |
| 22-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-017: Extending the boundaries of crystallography | | | CHAIR | 0 | Mois I Aroyo | 929 |
| 22-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-017: Extending the boundaries of crystallography | 217 | Quasicrystals. What do we know - what can we know? | Oral 30 mins | 1 | Prof Walter Steurer | 94 |
| 22-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-017: Extending the boundaries of crystallography | 654 | 3D euclidean crystallography and hyperbolic orbifolds | Oral 30 mins | 2 | Dr Stephen Timothy Hyde | 724 |
| 22-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-017: Extending the boundaries of crystallography | 1341 | Two extensions: Bronze-mean quasicrystal and crystals on saddle-shaped surfaces | Oral 30 mins | 3 | Prof Tomonari Dotera | 1598 |
| 22-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-017: Extending the boundaries of crystallography | 1774 | Understanding local structure in amorphous precursors using electron nano diffraction | Oral 30 mins | 4 | Dr Espen Drath Boejesen | 1903 |
| 22-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-017: Extending the boundaries of crystallography | 204 | Extreme cooperative swelling in topologically disordered fibre entanglements | Oral 15 mins | 5 | Mr Alistair Overy | 548 |

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| 22-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-017: Extending the boundaries of crystallography | 868 | Mapping the trajectory of proton transfer via experimental electron density. | Oral 15 mins | 6 | Ms Lorraine Andrade Malaspina | 571 |
| 22-08-2017 | 1455-1730 | MR 2.01 | Special Activities | MS-016: New approaches in crystallographic teaching | | | CHAIR | 0 | Louise Dawe | 1043 |
| 22-08-2017 | 1455-1730 | MR 2.01 | Special Activities | MS-016: New approaches in crystallographic teaching | | | CHAIR | 0 | Peter Moeck | 78 |
| 22-08-2017 | 1455-1730 | MR 2.01 | Special Activities | MS-016: New approaches in crystallographic teaching | 632 | Interactive teaching of crystallography using Jmol | Oral 30 mins | 1 | Prof Robert Mark Hanson | 678 |
| 22-08-2017 | 1455-1730 | MR 2.01 | Special Activities | MS-016: New approaches in crystallographic teaching | 772 | Crystallography online by the Bilbao Crystallographic Server | Oral 30 mins | 2 | Dr Gemma De La Flor Martin | 521 |
| 22-08-2017 | 1455-1730 | MR 2.01 | Special Activities | MS-016: New approaches in crystallographic teaching | 918 | Crystallography Open Database for teaching | Oral 30 mins | 3 | Dr Saulius Grazulis | 1287 |
| 22-08-2017 | 1455-1730 | MR 2.01 | Special Activities | MS-016: New approaches in crystallographic teaching | 230 | Making crystal structure an everyday thing – Crystallography365 and beyond | Oral 30 mins | 4 | Dr Helen Elizabeth Maynard-Casely | 514 |
| 22-08-2017 | 1455-1730 | MR 2.01 | Special Activities | MS-016: New approaches in crystallographic teaching | 189 | A 3D Approach to Teaching Chemistry | Oral 15 mins | 5 | Dr Amy A. Sarjeant | 171 |
| 22-08-2017 | 1455-1730 | MR 2.01 | Special Activities | MS-016: New approaches in crystallographic teaching | 460 | Teaching Structural Biology, Bioinformatics and Evolution to High School Students | Oral 15 mins | 6 | Dr Bill Duax | 858 |
| 23-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-019: Interactions between proteins and nucleic acids | | | CHAIR | 0 | Markus Wahl | 1860 |
| 23-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-019: Interactions between proteins and nucleic acids | | | CHAIR | 0 | Barnali Chaudhuri | 349 |
| 23-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-019: Interactions between proteins and nucleic acids | 132 | Determination of reaction intermediates and catalytic mechanism by X-ray Diffraction | Oral 30 mins | 1 | Dr Wei Yang | 429 |
| 23-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-019: Interactions between proteins and nucleic acids | 1770 | HU multimerization shift controls nucleoid compaction | Oral 30 mins | 2 | Dr Michal Hammel | 1899 |
| 23-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-019: Interactions between proteins and nucleic acids | 1937 | Molecular mechanism of CRISPR | Oral 30 mins | 3 | Prof Osamu Nureki | 1811 |

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| 23-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-019: Interactions between proteins and nucleic acids | 1365 | Parsimonious DNA target-site recognition by Grh/CP2 transcription factors | Oral 30 mins | 4 | Prof Udo Heinemann | 1616 |
| 23-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-019: Interactions between proteins and nucleic acids | 1836 | Structural Insights into Plasticity of DNA-Protein Interactions in Tetracycline Receptors | Oral 15 mins | 5 | Prof Ruchi Anand | 1964 |
| 23-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-019: Interactions between proteins and nucleic acids | 1790 | Crystal structure of tetrameric Arabidopsis MYC2-DNA complex | Oral 15 mins | 6 | Prof Xiao-Dong Su | 1017 |
| 23-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-020: Controlling dimensions of porous crystalline polymers | | | CHAIR | 0 | Wei Wang | 1338 |
| 23-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-020: Controlling dimensions of porous crystalline polymers | | | CHAIR | 0 | P S Mukherjee | 1177 |
| 23-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-020: Controlling dimensions of porous crystalline polymers | 207 | Heteropore COFs: An Emerging Class of Crystalline Hierachically Porous Polymers | Oral 30 mins | 1 | Prof Xin Zhao | 553 |
| 23-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-020: Controlling dimensions of porous crystalline polymers | 1671 | Stimuli-responsive Functional Metal-Organic Frameworks | Oral 30 mins | 2 | Prof Tapas Kumar Maji | 1818 |
| 23-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-020: Controlling dimensions of porous crystalline polymers | 996 | A Dynamic Three-Dimensional Covalent Organic Framework | Oral 30 mins | 3 | Prof Wei Wang | 1338 |
| 23-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-020: Controlling dimensions of porous crystalline polymers | 159 | Structural dynamism in metal-organic framework leading to their better functionality | Oral 15 mins | 4 | Dr Debajyoti Ghoshal | 107 |
| 23-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-020: Controlling dimensions of porous crystalline polymers | 1614 | STRUCTURAL REGULATION OF LUMINESCENT AND MAGNETIC PROPERTIES OF MOFS | Oral 15 mins | 5 | Prof Tatiana Timofeeva | 1763 |
| 23-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-020: Controlling dimensions of porous crystalline polymers | 1840 | Neutral Polyhedral Pd(II) Cages Supported by Tris(imido)phosphate Trianions | Oral 15 mins | 6 | Dr Boomishankar Ramamoorthy | 1967 |
| 23-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-020: Controlling dimensions of porous crystalline polymers | 754 | Pd(II)-LMOF FOR THE SENSING OF MOLECULAR HYDROGEN IN GAS PHASE | Oral 15 mins | 7 | Dr Katherine Chulvi-Iborra | 785 |

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| 23-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-023: Synchrotron and XFEL for materials at ambient and extreme conditions | | | CHAIR | 0 | John Tse | 1557 |
| 23-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-023: Synchrotron and XFEL for materials at ambient and extreme conditions | | | CHAIR | 0 | Yasuo Ohishi | 2073 |
| 23-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-023: Synchrotron and XFEL for materials at ambient and extreme conditions | 1990 | Ultrafast XRD observation of laser-shock induced lattice dynamics | Oral 30 mins | 1 | Dr Norimasa Ozaki | 2169 |
| 23-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-023: Synchrotron and XFEL for materials at ambient and extreme conditions | 1925 | Sample Extractor for Serial Crystallography at XFELs and Synchrotron sources | Oral 30 mins | 2 | Dr Irimpan Mathews | 2035 |
| 23-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-023: Synchrotron and XFEL for materials at ambient and extreme conditions | 1409 | In-situ synchrotron diffraction study of precipitations in liquid jet | Oral 30 mins | 3 | Mr Ahmed S. A. Mohammed | 1629 |
| 23-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-023: Synchrotron and XFEL for materials at ambient and extreme conditions | 827 | Pioneering remote-access use of Diamond beamline I19 | Oral 30 mins | 4 | Prof William Clegg | 475 |
| 23-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-023: Synchrotron and XFEL for materials at ambient and extreme conditions | 1733 | MCX@Elettra: Powder diffraction in ambient and non ambient conditions | Oral 30 mins | 5 | Dr Jasper Rikkert Plaisier | 1874 |
| 23-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-024: NMR Crystallography and related methods | | | CHAIR | 0 | Manish Mehta | 2308 |
| 23-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-024: NMR Crystallography and related methods | 1908 | Predicting and refining crystal structures with NMR data | Oral 30 mins | 1 | Dr James Harper | 2013 |
| 23-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-024: NMR Crystallography and related methods | 1503 | Solid-State NMR Crystallography: from Catalytic Active Complexes to Enzymes | Oral 30 mins | 2 | Prof Gerd Buntkowsky | 1687 |
| 23-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-024: NMR Crystallography and related methods | 1967 | NMR Crystallography: A Perspective | Oral 30 mins | 3 | Prof Perunthiruthy Madhu | 2119 |
| 23-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-024: NMR Crystallography and related methods | 845 | New Developments in Surface-Enhanced Solid-State NMR Spectroscopy and their Applications | Oral 30 mins | 4 | Dr Sachin Rama Chaudhari | 1090 |

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| 23-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-024: NMR Crystallography and related methods | 2042 | Determination of crystalline forms by solid-state NMR and electron diffraction | Oral 15 mins | 5 | Dr Yusuke Nishiyama | 2041 |
| 23-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-024: NMR Crystallography and related methods | 2096 | Structure, Disorder and Function of Supramolecular Polymer Additives | Oral 15 mins | 6 | Prof Juergen Senker | 2487 |
| 23-08-2017 | 1030-1305 | MR 2.03-2.04 | Instrumentation techniques and/or Computation | MS-027: Synchrotron-based X-ray techniques and the environment | | | CHAIR | 0 | Richard Garrett | 2417 |
| 23-08-2017 | 1030-1305 | MR 2.03-2.04 | Instrumentation techniques and/or Computation | MS-027: Synchrotron-based X-ray techniques and the environment | | | CHAIR | 0 | Hugh Harris | 2103 |
| 23-08-2017 | 1030-1305 | MR 2.03-2.04 | Instrumentation techniques and/or Computation | MS-027: Synchrotron-based X-ray techniques and the environment | 964 | Towards a mechanistic understanding of mercury –microbe/mineral interactions | Oral 30 mins | 1 | Dr Bhoopesh Mishra | 53 |
| 23-08-2017 | 1030-1305 | MR 2.03-2.04 | Instrumentation techniques and/or Computation | MS-027: Synchrotron-based X-ray techniques and the environment | 1962 | Cryo micro-spectroscopy at ID21 for environmental sciences | Oral 30 mins | 2 | Dr Marine Cotte | 1142 |
| 23-08-2017 | 1030-1305 | MR 2.03-2.04 | Instrumentation techniques and/or Computation | MS-027: Synchrotron-based X-ray techniques and the environment | 2086 | X-ray absorption spectroscopy for lead speciation of dispersed mine waste | Oral 30 mins | 3 | Prof Barry Neil Noller | 2416 |
| 23-08-2017 | 1030-1305 | MR 2.03-2.04 | Instrumentation techniques and/or Computation | MS-027: Synchrotron-based X-ray techniques and the environment | 2001 | Synchrotron high-energy x-rays for materials research with complex sample environments | Oral 30 mins | 4 | Dr Yang Ren | 2083 |
| 23-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-025: Crystallography of battery materials | | | CHAIR | 0 | Prabeer Barpanda | 64 |
| 23-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-025: Crystallography of battery materials | 354 | Probing Electrode Materials Bulk and Interfacial Processes with NMR Spectroscopy | Oral 30 mins | 1 | Dr Michal Leskes | 764 |
| 23-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-025: Crystallography of battery materials | 1073 | Enhanced energy density in oxides and alluaudites battery materials | Oral 30 mins | 2 | Dr Prabeer Barpanda | 64 |
| 23-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-025: Crystallography of battery materials | 528 | Local structure of Li4-xMn2O5 high capacity cathode probed by PDF | Oral 30 mins | 3 | Dr Maria Diaz-Lopez | 939 |
| 23-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-025: Crystallography of battery materials | 364 | Current status of iMATERIA and recent result of LIB research | Oral 30 mins | 4 | Prof Toru Ishigaki | 774 |
| 23-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-025: Crystallography of battery materials | 388 | Assessment of potential Al ion conductors from large crystallographic databases | Oral 15 mins | 5 | Mr Falk Meutzner | 730 |

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| 23-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-025: Crystallography of battery materials | 871 | Crystal Structures and Electrochemical Properties of the Battery Materials $\text{Na}_x\text{M}_3(\text{PO}_4)_3$ | Oral 15 mins | 6 | Dr Hamdi Ben Yahia | 1249 |
| 23-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-026: A bridge between two worlds: Graphs as structural descriptors | | | CHAIR | 0 | Hamilton Barbosa Napolitano | 949 |
| 23-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-026: A bridge between two worlds: Graphs as structural descriptors | | | CHAIR | 0 | Bernd Souvignier | 2161 |
| 23-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-026: A bridge between two worlds: Graphs as structural descriptors | 240 | Labelled quotient graphs and topological features in crystal structures | Oral 30 mins | 1 | Prof Jean Guillaume Eon | 599 |
| 23-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-026: A bridge between two worlds: Graphs as structural descriptors | 573 | Vertex-transitive monocoronal tilings from isohedral tilings | Oral 30 mins | 2 | Mr Eduard Camangian Taganap | 994 |
| 23-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-026: A bridge between two worlds: Graphs as structural descriptors | 1208 | Short-range order analyses of the amorphous-crystalline silicates using graph theory | Oral 30 mins | 3 | Dr Olga Sidorova | 1520 |
| 23-08-2017 | 1030-1305 | Hall 6 | Special Activities | MS-021: Terminology issues in crystal engineering | | | CHAIR | 0 | Christer Aakeröy | 516 |
| 23-08-2017 | 1030-1305 | Hall 6 | Special Activities | MS-021: Terminology issues in crystal engineering | | | CHAIR | 0 | Carolyn P. Brock | 602 |
| 23-08-2017 | 1030-1305 | Hall 6 | Special Activities | MS-021: Terminology issues in crystal engineering | 37 | IUPAC definition of the hydrogen bond. Terminology and nomenclature | Oral 30 mins | 1 | Prof Gautam R. Desiraju | 110 |
| 23-08-2017 | 1030-1305 | Hall 6 | Special Activities | MS-021: Terminology issues in crystal engineering | 629 | IUPAC definition of the halogen bond | Oral 30 mins | 2 | Prof Pierangelo Metrangolo | 1044 |
| 23-08-2017 | 1030-1305 | Hall 6 | Special Activities | MS-021: Terminology issues in crystal engineering | 650 | MOFs - What is in the name? | Oral 30 mins | 3 | Prof Jagadese J Vittal | 1070 |
| 23-08-2017 | 1030-1305 | Hall 6 | Special Activities | MS-021: Terminology issues in crystal engineering | 1566 | Polymorphs, pseudopolymorphs, and the crystal engineer: friends and foes | Oral 30 mins | 4 | Prof Leonard Richard MacGillivray | 1690 |

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| 23-08-2017 | 1030-1305 | Hall 6 | Special Activities | MS-021: Terminology issues in crystal engineering | 1699 | Co-crystal: A simple term with many interpretations | Oral 30 mins | 5 | Prof Christer Bjorn Aakeroy | 516 |
| 23-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-036: Structural immunology and receptor signalling | | | CHAIR | 0 | Mike Lawrence | 2026 |
| 23-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-036: Structural immunology and receptor signalling | | | CHAIR | 0 | Yvonne Jones | 153 |
| 23-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-036: Structural immunology and receptor signalling | 976 | Broad neutralization of Influenza virus and implications for universal therapies | Oral 30 mins | 1 | Prof Ian Andrew Wilson | 581 |
| 23-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-036: Structural immunology and receptor signalling | 1966 | T cell receptors have some more tricks up their sleeves. | Oral 30 mins | 2 | Dr Stephanie Gras | 2120 |
| 23-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-036: Structural immunology and receptor signalling | 195 | Clustered protocadherin molecular assembly and implications for neuronal self-avoidance | Oral 30 mins | 3 | Dr Kerry Marie Goodman | 529 |
| 23-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-036: Structural immunology and receptor signalling | 947 | How ligand binds to the insulin-like growth factor receptor | Oral 30 mins | 4 | Dr Yibin Xu | 890 |
| 23-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-036: Structural immunology and receptor signalling | 232 | Structural insights into the signaling of the human Interleukin-3 receptor | Oral 15 mins | 5 | Prof Michael William Parker | 101 |
| 23-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-036: Structural immunology and receptor signalling | 981 | Structural basis of Zika virus neutralization by highly potent antibody | Oral 15 mins | 6 | Dr Arvind Sharma | 695 |
| 23-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-028: Long wavelength applications in macromolecular crystallography | | | CHAIR | 0 | Christoph Mueller-Dieckmann | 2038 |
| 23-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-028: Long wavelength applications in macromolecular crystallography | | | CHAIR | 0 | Dorothee Liebschner | 1312 |
| 23-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-028: Long wavelength applications in macromolecular crystallography | 893 | Making routine native SAD a reality | Oral 30 mins | 1 | Dr Vincent Olieric | 470 |
| 23-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-028: Long wavelength applications in macromolecular crystallography | 1149 | The long-wavelength macromolecular crystallography beamline I23 at Diamond Light Source | Oral 30 mins | 2 | Dr Armin Wagner | 1472 |

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| 23-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-028: Long wavelength applications in macromolecular crystallography | 1899 | Exploiting wavelength longer than 3 Å for native SAD phasing | Oral 30 mins | 3 | Dr Naohiro Matsugaki | 1958 |
| 23-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-028: Long wavelength applications in macromolecular crystallography | 1369 | Maximum likelihood methods in DIALS | Oral 30 mins | 4 | Mr James Parkhurst | 1450 |
| 23-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-028: Long wavelength applications in macromolecular crystallography | 741 | Experimental phasing at low energy at EMBL beamline P13 | Oral 30 mins | 5 | Dr Guillaume Pompidor | 1148 |
| 23-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-029: Porous framework materials for gas adsorption | | | CHAIR | 0 | Hoi Ri Moon | 1332 |
| 23-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-029: Porous framework materials for gas adsorption | | | CHAIR | 0 | Sunil Varughese | 324 |
| 23-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-029: Porous framework materials for gas adsorption | 1330 | Coordination Exchanges in Metal-Organic Frameworks | Oral 30 mins | 1 | Prof Nak Cheon Jeong | 1590 |
| 23-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-029: Porous framework materials for gas adsorption | 641 | CO2 release from Metal-Organic Frameworks triggered by external stimuli | Oral 30 mins | 2 | Dr Haiqing Li | 878 |
| 23-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-029: Porous framework materials for gas adsorption | 1647 | Reactive sites for Adsorption and catalysis in MOFs | Oral 30 mins | 3 | Prof Christian James Doonan | 1799 |
| 23-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-029: Porous framework materials for gas adsorption | 994 | FUNCTIONALIZATION INDUCED BREATHING CONTROL IN FLEXIBLE MOFS | Oral 30 mins | 4 | Dr Tanay Kundu | 1334 |
| 23-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-029: Porous framework materials for gas adsorption | 1470 | In situ CO2 adsorption by the (poly)azolate MOF Fe2BPEB3 | Oral 15 mins | 5 | Dr Carlotta Giacobbe | 1674 |
| 23-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-029: Porous framework materials for gas adsorption | 337 | Design of Porous MOFs for gas storage applications | Oral 15 mins | 6 | Mr Sandeep Singh Dhankhar | 685 |

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| 23-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-030: Crystallization mechanisms of small molecule organic materials | | | CHAIR | 0 | Jaime Gomez Morales | 646 |
| 23-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-030: Crystallization mechanisms of small molecule organic materials | | | CHAIR | 0 | Raj Suryanarayana | 1762 |
| 23-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-030: Crystallization mechanisms of small molecule organic materials | 1970 | Solution Speciation and Implication on Nucleation Mechanism | Oral 30 mins | 1 | Prof Tonglei Li | 2129 |
| 23-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-030: Crystallization mechanisms of small molecule organic materials | 726 | The Crystal Morphology and Growth Kinetic Mechanisms of Para-AminoBenzoic Acid | Oral 30 mins | 2 | Dr Ian Rosbottom | 1131 |
| 23-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-030: Crystallization mechanisms of small molecule organic materials | 742 | Unstable amorphous cerium oxalate precipitation in concentrated HNO3 media | Oral 30 mins | 3 | Dr Isaac Rodriguez-Ruiz | 1151 |
| 23-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-030: Crystallization mechanisms of small molecule organic materials | 379 | Laser Assisted Crystallization: An alternative tool to crystallize biomolecules | Oral 30 mins | 4 | Dr Abdul Ajees Abdul Salam | 784 |
| 23-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-030: Crystallization mechanisms of small molecule organic materials | 1441 | Enantiotropic phase transition in a molecular solid involving Z'=12 | Oral 30 mins | 5 | Dr Ilia Guzei | 1658 |
| 23-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-031: Nanoparticles / nanostructures | | | CHAIR | 0 | N. Ravishankar | 2034 |
| 23-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-031: Nanoparticles / nanostructures | 1946 | The chemistry of nucleation | Oral 30 mins | 1 | Prof Bo Brummerstedt Iversen | 1784 |
| 23-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-031: Nanoparticles / nanostructures | 882 | Nanostructured MOFs through defect engineering | Oral 30 mins | 2 | Dr Matthew Cliffe | 523 |
| 23-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-031: Nanoparticles / nanostructures | 1517 | Real and reciprocal space electron tomography reveals structure and vacancies | Oral 30 mins | 3 | Dr Tom Willhammar | 1661 |
| 23-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-031: Nanoparticles / nanostructures | 338 | Crystallographic investigation of metallic and bimetallic nanoparticles | Oral 15 mins | 4 | Dr Oleg Prymak | 740 |

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| 23-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-031: Nanoparticles / nanostructures | 798 | Nanoparticle and nanocluster structures at atomic resolution – even hydrides! | Oral 15 mins | 5 | Dr Alison Jeanine Edwards | 1186 |
| 23-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-031: Nanoparticles / nanostructures | 1905 | Resolving the atomistic structure and morphology of functional nanomaterials | Oral 15 mins | 6 | Dr Katharine Lynn Page | 2009 |
| 23-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-031: Nanoparticles / nanostructures | 1986 | Tuning of Metal Oxides Nanostructures under Soft Hydrothermal Conditions | Oral 15 mins | 7 | Prof Kullaiiah Byrappa | 2160 |
| 23-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-033: Magnetic diffuse scattering and magnetic PDF analysis | | | CHAIR | 0 | Werner Schweika | 1830 |
| 23-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-033: Magnetic diffuse scattering and magnetic PDF analysis | | | CHAIR | 0 | Branton Campbell | 1928 |
| 23-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-033: Magnetic diffuse scattering and magnetic PDF analysis | 80 | Recent advances in the magnetic pair distribution function technique | Oral 30 mins | 1 | Dr Benjamin Allen Frandsen | 282 |
| 23-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-033: Magnetic diffuse scattering and magnetic PDF analysis | 1447 | Emergent Order in the Frustrated Kagome Magnet Dy3Mg2Sb3O14 | Oral 30 mins | 2 | Dr Joseph Paddison | 1656 |
| 23-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-033: Magnetic diffuse scattering and magnetic PDF analysis | 1171 | Spiral spin-liquid and a vortex-like state in MnSc2S4 | Oral 30 mins | 3 | Mr Shang Gao | 1486 |
| 23-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-033: Magnetic diffuse scattering and magnetic PDF analysis | 842 | 3D-magnetic difference-PDF analysis of magnetic frustration in Bixbyite | Oral 30 mins | 4 | Mr Nikolaj Roth | 1230 |
| 23-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-034: Synthesis and properties of multi ferroics and multi-functional materials | | | CHAIR | 0 | Francesco Mezzadri | 1925 |
| 23-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-034: Synthesis and properties of multi ferroics and multi-functional materials | 306 | Trirutiles as potential multiferroics: the case of Mn2TeO6 | Oral 30 mins | 1 | Ms Nami Matsubara | 705 |
| 23-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-034: Synthesis and properties of multi ferroics and multi-functional materials | 1888 | Incommensurate Magnetic Structure and Chemical Modulation in SbVO4 Catalyst | Oral 30 mins | 2 | Dr Jorge Hernández-Velasco | 1973 |
| 23-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-034: Synthesis and properties of multi ferroics and multi-functional materials | 1884 | H- bonded supramolecular ferroelectric materials supported by organoamino phosphonium cations | Oral 30 mins | 3 | Mr T Vijayakanth | 1854 |

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| 23-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-034: Synthesis and properties of multi ferroics and multi-functional materials | 1088 | Structural and magnetoelectric effect of (x)Li _{0.1} Cu _{0.1} Co _{0.1} Zn _{0.6} Fe _{2.1} O ₄ + (1-x)Ba _{0.95} Ca _{0.05} TiO ₃ multi | Oral 30 mins | 4 | Ms Rokhana Parvin | 1384 |
| 23-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-034: Synthesis and properties of multi ferroics and multi-functional materials | 739 | Crystal structure and ferroelectric properties of (1-x)Na _{0.5} Bi _{0.5} TiO ₃ - xBaTiO ₃ ceramics | Oral 30 mins | 5 | Dr Dillip K. Pradhan | 719 |
| 23-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-035: Crystal structure relationships and their applications | | | CHAIR | 0 | Wolfgang Schmahl | 2176 |
| 23-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-035: Crystal structure relationships and their applications | | | CHAIR | 0 | V. M. Talanov | 207 |
| 23-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-035: Crystal structure relationships and their applications | 498 | Applications of the superspace concept in crystal chemistry | Oral 30 mins | 1 | Prof Gervais Chapuis | 129 |
| 23-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-035: Crystal structure relationships and their applications | 1220 | Information-based measures of structural complexity of crystals | Oral 30 mins | 2 | Prof Sergey V. Krivovichev | 1527 |
| 23-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-035: Crystal structure relationships and their applications | 1797 | Algebraic search for cooperative-rotational rigid-unit modes | Oral 30 mins | 3 | Prof Branton Campbell | 1928 |
| 23-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-035: Crystal structure relationships and their applications | 1029 | Antiferrodistortive Isostructural Phase Transition in Perovskites | Oral 30 mins | 4 | Prof Dhananjai Pandey | 1365 |
| 23-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-035: Crystal structure relationships and their applications | 1849 | Bond softness-sensitive bond valence parameters for crystal structure plausibility tests | Oral 15 mins | 5 | Prof Stefan Adams | 1971 |
| 23-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-035: Crystal structure relationships and their applications | 1209 | New insights into the bonding mechanism of boron carbide | Oral 15 mins | 6 | Dr Swastik Mondal | 1508 |
| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | | | CHAIR | 0 | Annalisa Guerri | 113 |
| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | | | CHAIR | 0 | Juan Manuel Garcia Ruiz | 2042 |
| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | 182 | A World-Wide Education in Crystallography | Oral 15 mins | 1 | Dr Amy A. Sarjeant | 171 |
| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | 828 | Growing a new generation of crystallographers across Europe and beyond | Oral 15 mins | 2 | Prof Alessia Bacchi | 1194 |
| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | 1877 | Crystallography courses in Latin America | Oral 15 mins | 3 | Dr Diego Germán Lamas | 1323 |

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| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | 1190 | IUCr-UNESCO OpenLab: 25 editions in 22 countries and counting | Oral 15 mins | 4 | Dr Michele Zema | 1493 |
| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | 1842 | Crystallography at the Master level. MCC and beyond | Oral 15 mins | 5 | Dr Fermín Otálora | 1870 |
| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | 1583 | Expanding Crystallography as Science in Africa: Some Initiatives | Oral 15 mins | 6 | Prof Andreas Roodt | 1739 |
| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | 219 | FEBS practical crystallization courses since 2004 | Oral 15 mins | 7 | Prof Ivana Kuta Smatanova | 556 |
| 23-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-032: Crystallography courses around the world | 1915 | Crystallography courses and industry: hand in hand across the land | Oral 15 mins | 8 | Dr Dubravka Sisak Jung | 1322 |
| 24-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-037: Macromolecular structures by hybrid methods | | | CHAIR | 0 | Jill Trewhella | 144 |
| 24-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-037: Macromolecular structures by hybrid methods | | | CHAIR | 0 | Amit Sharma | 150 |
| 24-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-037: Macromolecular structures by hybrid methods | 1965 | Structural Approaches to understanding Influenza Virus replication and transcription | Oral 30 mins | 1 | Prof Jonathan Grimes | 696 |
| 24-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-037: Macromolecular structures by hybrid methods | 307 | Small-angle neutron scattering for the study of biomacromolecular complexes | Oral 30 mins | 2 | Dr Frank Richard Gabel | 707 |
| 24-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-037: Macromolecular structures by hybrid methods | 252 | Structural basis for an autoubiquitination-targeted lysine by E2-E3 complex | Oral 30 mins | 3 | Dr Madhanagopal Anandapadamana ban | 625 |
| 24-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-037: Macromolecular structures by hybrid methods | 345 | Structural studies of dynamic CD4 changes relevant to HIV infection | Oral 30 mins | 4 | Ms Jennifer Anne Channell | 545 |
| 24-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-037: Macromolecular structures by hybrid methods | 478 | Structural characterization of pseudo-dihydroorotase domain in yeast URA2 | Oral 15 mins | 5 | Ms Yujung Jeon | 679 |
| 24-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-037: Macromolecular structures by hybrid methods | 1370 | A Data Dictionary For Archiving Integrative/Hybrid Models | Oral 15 mins | 6 | Dr Brinda Vallat | 1619 |

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| 24-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-038: Porous framework materials for separation | | | CHAIR | 0 | Jie-Peng Zhang | 373 |
| 24-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-038: Porous framework materials for separation | | | CHAIR | 0 | Satoshi Horike | 500 |
| 24-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-038: Porous framework materials for separation | 108 | Metal Organic Frameworks Energy and Environmental Applications | Oral 30 mins | 1 | Dr Praveen Kumar THALLAPALLY | 358 |
| 24-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-038: Porous framework materials for separation | 171 | Lanthanide Metal-Organic Frameworks: Synthesis and Applications | Oral 30 mins | 2 | Dr Wei Shi | 488 |
| 24-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-038: Porous framework materials for separation | 417 | Targeted Synthesis of Porous Aromatic Frameworks | Oral 30 mins | 3 | Prof Guangshan Zhu | 824 |
| 24-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-038: Porous framework materials for separation | 1960 | Mechanical Alloying of MOFs and Selective Capture of 1,3-Butadiene | Oral 30 mins | 4 | Dr Satoshi Horike | 500 |
| 24-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-038: Porous framework materials for separation | 152 | Covalent Organic Framework Thin-Films For Molecular Separation | Oral 15 mins | 5 | Mr Kaushik Dey | 235 |
| 24-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-038: Porous framework materials for separation | 504 | Computational Exploration of Interesting Gas Adsorption/Separation in MOFs | Oral 15 mins | 6 | Dr Renjith S. Pillai | 913 |
| 24-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-039: Structural chemistry in 2-D: Crystal growth, surface structure and morphology | | | CHAIR | 0 | Matthew Hill | 2387 |
| 24-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-039: Structural chemistry in 2-D: Crystal growth, surface structure and morphology | 2083 | Recent Adventures with Porous Materials: Triggered Release and Anti-aging Membranes | Oral 30 mins | 1 | Prof Matthew Hill | 2387 |
| 24-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-039: Structural chemistry in 2-D: Crystal growth, surface structure and morphology | 1650 | 3D Reciprocal Space Maps measurements for ultrathin polycrystalline materials | Oral 30 mins | 2 | Dr Jayanth Channagiri | 1229 |
| 24-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-039: Structural chemistry in 2-D: Crystal growth, surface structure and morphology | 115 | Metal-organic framework as efficient electrocatalyst for oxygen evolution reaction | Oral 30 mins | 3 | Prof Jie-Peng Zhang | 373 |
| 24-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-039: Structural chemistry in 2-D: Crystal growth, surface structure and morphology | 68 | Decoding the Morphological Diversity in Two Dimensional Crystalline Porous Polymers | Oral 30 mins | 4 | Mr Arjun Halder | 222 |

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| 24-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-040: Microstructure, defects, stress and strain determination and modelling with powder diffraction data | | | CHAIR | 0 | Takashi Ida | 1069 |
| 24-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-040: Microstructure, defects, stress and strain determination and modelling with powder diffraction data | | | CHAIR | 0 | Davor Balzar | 295 |
| 24-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-040: Microstructure, defects, stress and strain determination and modelling with powder diffraction data | 1463 | Temperature Evolution of Microstructure of Deformed Submicrocrystalline Cu-Zr samples | Oral 30 mins | 1 | Prof Radomir Kuzel | 530 |
| 24-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-040: Microstructure, defects, stress and strain determination and modelling with powder diffraction data | 838 | High-temperature 3D-RSM, phase transition and stress relaxation in pure zirconia | Oral 30 mins | 2 | Prof Rene Guinebretiere | 1223 |
| 24-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-040: Microstructure, defects, stress and strain determination and modelling with powder diffraction data | 493 | Study of multilayer microstructure by XRD using noncoplanar measurement geometry | Oral 30 mins | 3 | Prof Alexander Ulyanekov | 902 |
| 24-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-040: Microstructure, defects, stress and strain determination and modelling with powder diffraction data | 165 | Powder X-ray diffraction applications with single crystal diffractometers | Oral 30 mins | 4 | Dr Bob He | 485 |
| 24-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-040: Microstructure, defects, stress and strain determination and modelling with powder diffraction data | 832 | Resonant diffraction study of structural disorder in Nb ₃ Sn | Oral 15 mins | 5 | Mr Roman Svetogorov | 1217 |
| 24-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-040: Microstructure, defects, stress and strain determination and modelling with powder diffraction data | 1232 | An approach to identify the atomic arrangement in nanometer range-size | Oral 15 mins | 6 | Mr Hantaro Ozawa | 1387 |

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| 24-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-041: Advances in computational methods for powder diffraction | | | CHAIR | 0 | Andy Fitch | 542 |
| 24-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-041: Advances in computational methods for powder diffraction | 247 | TOPAS – Programming Ideas | Oral 30 mins | 1 | Dr Alan Anthony Coelho | 559 |
| 24-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-041: Advances in computational methods for powder diffraction | 187 | Crystal structure solution from thin films: software requirements | Oral 30 mins | 2 | Prof Roland Resel | 518 |
| 24-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-041: Advances in computational methods for powder diffraction | 1549 | Exhaustive Symmetry Mode Searches: Phase Transitions in Pyrochlore Bi ₂ Sn ₂ O ₇ | Oral 30 mins | 3 | Dr Eric Reinheimer | 2541 |
| 24-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-041: Advances in computational methods for powder diffraction | 939 | Modern machine learning tools for crystallography | Oral 30 mins | 4 | Dr Paolo Bosetti | 1294 |
| 24-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-041: Advances in computational methods for powder diffraction | 1405 | New refinement approach for crystal structure analysis of organic compounds | Oral 15 mins | 5 | Dr Akito Sasaki | 1640 |
| 24-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-041: Advances in computational methods for powder diffraction | 272 | Imaging of Crystalline regions in Cotton fibers using Powder XRD | Oral 15 mins | 6 | Mr Manju V V | 664 |
| 24-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-042: High-resolution spectroscopy | | | CHAIR | 0 | Dimosthenis Sokaras | 2050 |
| 24-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-042: High-resolution spectroscopy | | | CHAIR | 0 | Dennis Nordlund | 2123 |
| 24-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-042: High-resolution spectroscopy | 1332 | Predictive Modeling of Resonant Inelastic X-ray Scattering with OCEAN | Oral 30 mins | 1 | Dr John Thomas Vinson | 1587 |
| 24-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-042: High-resolution spectroscopy | 1138 | X-ray Raman scattering spectroscopy at the ESRF | Oral 30 mins | 2 | Dr Christoph J. Sahle | 1454 |
| 24-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-042: High-resolution spectroscopy | 1665 | The Endstation "NanoPES" at the Kurchatov synchrotron radiation source | Oral 30 mins | 3 | Mr Ratibor Chumakov | 1817 |

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| 24-08-2017 | 1030-1305 | MR 2.01 | Physical and/or Fundamental | MS-043: Models for refining the electron density from elastic scattering. Bob Stewart's legacy | | | CHAIR | 0 | T. N. Guru Row | 494 |
| 24-08-2017 | 1030-1305 | MR 2.01 | Physical and/or Fundamental | MS-043: Models for refining the electron density from elastic scattering. Bob Stewart's legacy | | | CHAIR | 0 | Paulina Dominiak | 532 |
| 24-08-2017 | 1030-1305 | MR 2.01 | Physical and/or Fundamental | MS-043: Models for refining the electron density from elastic scattering. Bob Stewart's legacy | 392 | Development and application of X-ray quantum crystallographic methods | Oral 30 mins | 1 | Prof Simon Grabowsky | 570 |
| 24-08-2017 | 1030-1305 | MR 2.01 | Physical and/or Fundamental | MS-043: Models for refining the electron density from elastic scattering. Bob Stewart's legacy | 515 | Advanced tools for charge density refinement and estimation of errors | Oral 30 mins | 2 | Dr Christian Jelsch | 928 |
| 24-08-2017 | 1030-1305 | MR 2.01 | Physical and/or Fundamental | MS-043: Models for refining the electron density from elastic scattering. Bob Stewart's legacy | 983 | MO determination from experimental X-ray structure factors of diformohydrazide | Oral 30 mins | 3 | Prof Kiyooki Tanaka | 1329 |
| 24-08-2017 | 1030-1305 | MR 2.01 | Physical and/or Fundamental | MS-043: Models for refining the electron density from elastic scattering. Bob Stewart's legacy | 1508 | Waverfunction refinement derived spin density of two cAAC-SiCl ₃ polymorphs | Oral 30 mins | 4 | Dr Birger Dittrich | 1689 |
| 24-08-2017 | 1030-1305 | MR 2.01 | Physical and/or Fundamental | MS-043: Models for refining the electron density from elastic scattering. Bob Stewart's legacy | 932 | Core electron deformation in silicon from powder X-ray diffraction | Oral 15 mins | 5 | Mr Kasper Tolborg | 1281 |
| 24-08-2017 | 1030-1305 | MR 2.01 | Physical and/or Fundamental | MS-043: Models for refining the electron density from elastic scattering. Bob Stewart's legacy | 1481 | Topological analysis of hydrogen bonds and interaction energies in proteins | Oral 15 mins | 6 | Mr Suman Kumar Mandal | 395 |

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| 24-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-044: Structural databases as teaching tools - Part A (macromolecules) | | | CHAIR | 0 | Christine Zardecki | 1614 |
| 24-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-044: Structural databases as teaching tools - Part A (macromolecules) | 1969 | Enlightening macromolecular structure-function relationship with Proteopedia | Oral 30 mins | 1 | Prof Jaime Prilusky | 332 |
| 24-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-044: Structural databases as teaching tools - Part A (macromolecules) | 657 | Structural view of biology: Exploring new perspectives for deeper learning | Oral 30 mins | 2 | Dr Shuchisimta Dutta | 1073 |
| 24-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-044: Structural databases as teaching tools - Part A (macromolecules) | 1996 | Disease to therapeutics via 3D structures: stories from viral world | Oral 30 mins | 3 | Dr Urmila Kulkarni-Kale | 2173 |
| 24-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-044: Structural databases as teaching tools - Part A (macromolecules) | 631 | PDBe: Bringing structure to biology and beyond | Oral 30 mins | 4 | Dr Matthew J Conroy | 1050 |
| 24-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-044: Structural databases as teaching tools - Part A (macromolecules) | 1304 | SASBDB and DARA as biological solution scattering teaching tools | Oral 15 mins | 5 | Dr Alexey Kikhney | 509 |
| 24-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-044: Structural databases as teaching tools - Part A (macromolecules) | 1997 | Play with 3D structure data of biomolecules - PDBj | Oral 15 mins | 6 | Dr Hirofumi Suzuki | 2175 |
| 24-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-045: Structural data bases as teaching tools - Part B (organics, minerals) | | | CHAIR | 0 | Amy Sarjeant | 171 |
| 24-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-045: Structural data bases as teaching tools - Part B (organics, minerals) | | | CHAIR | 0 | Graciela Delgado | 611 |
| 24-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-045: Structural data bases as teaching tools - Part B (organics, minerals) | 624 | Teaching Undergraduates about Structure Using Database Examples | Oral 30 mins | 1 | Prof Louise Nicole Dawe | 1043 |

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| 24-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-045: Structural data bases as teaching tools - Part B (organics, minerals) | 1274 | Crystallography as an introduction to Cheminformatics | Oral 30 mins | 2 | Prof Simon John Coles | 312 |
| 24-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-045: Structural data bases as teaching tools - Part B (organics, minerals) | 648 | Teaching Crystallography using the Powder Diffraction File | Oral 30 mins | 3 | Prof José Miguel Delgado | 989 |
| 24-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-045: Structural data bases as teaching tools - Part B (organics, minerals) | 1002 | Representation of physical properties in the material properties open database | Oral 30 mins | 4 | Mr Edgar Eduardo Villalobos | 1337 |
| 24-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-054: Mechanisms of bacterial resistance | | | CHAIR | 0 | Natalie Strynadka | 1605 |
| 24-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-054: Mechanisms of bacterial resistance | | | CHAIR | 0 | Miquel Coll | 83 |
| 24-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-054: Mechanisms of bacterial resistance | 1575 | Structural studies of clinical resistomes | Oral 30 mins | 1 | Prof Albert Marinus Berghuis | 1735 |
| 24-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-054: Mechanisms of bacterial resistance | 2005 | Studies of prokaryotic Type II topoisomerase drug inhibition | Oral 30 mins | 2 | Dr Mark Rutherford Sanderson | 2151 |
| 24-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-054: Mechanisms of bacterial resistance | 1354 | Allosteric mechanism in PBP2a controlling resistance of Methicillin-resistant Staphylococcus aureus | Oral 30 mins | 3 | Prof Juan A. Hermoso | 1543 |
| 24-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-054: Mechanisms of bacterial resistance | 954 | Structure and mechanistic insights into F/R1 plasmid conjugative relaxase | Oral 30 mins | 4 | Dr Aravindan Ilangovan | 1313 |
| 24-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-054: Mechanisms of bacterial resistance | 1530 | Structural basis of nonhaemolytic nature of pneumolysin from strain ST-306 | Oral 15 mins | 5 | Dr Dilip Badgujar | 1639 |
| 24-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-054: Mechanisms of bacterial resistance | 1822 | Crystal structure of an antigenic outer-membrane protein from Salmonella Typhi | Oral 15 mins | 6 | Prof Chun-Jung Chen | 1951 |

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| 24-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-046: Macromolecular structure determination at XFEL sources | | | CHAIR | 0 | Arwen Pearson | 904 |
| 24-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-046: Macromolecular structure determination at XFEL sources | | | CHAIR | 0 | Makina Yabashi | 2032 |
| 24-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-046: Macromolecular structure determination at XFEL sources | 1610 | X-ray Crystallography and Spectroscopy of Metalloenzymes Using Drop-on-Tape Method | Oral 30 mins | 1 | Dr Junko Yano | 1760 |
| 24-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-046: Macromolecular structure determination at XFEL sources | 425 | A molecular movie of structural changes in bacteriorhodopsin | Oral 30 mins | 2 | Dr Eriko Nango | 830 |
| 24-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-046: Macromolecular structure determination at XFEL sources | 1151 | Virus structures recovered from correlations in scattered XFEL pulses | Oral 30 mins | 3 | Dr Ruslan Kurta | 1259 |
| 24-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-046: Macromolecular structure determination at XFEL sources | 1309 | On-Demand Acoustic Methods for Time-Resolved Structural Biology | Oral 30 mins | 4 | Dr Allen Milster Orville | 1570 |
| 24-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-046: Macromolecular structure determination at XFEL sources | 622 | Versatile and efficient rapid-mixing liquid jets | Oral 15 mins | 5 | Dr Diana CF Monteiro | 1042 |
| 24-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-046: Macromolecular structure determination at XFEL sources | 940 | Serial synchrotron crystallography at EMBL PETRA III beamline P14. | Oral 15 mins | 6 | Dr Johanna Hakanpää | 1295 |
| 24-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-047: Crystalline materials characterization with combined techniques | | | CHAIR | 0 | Koen Janssens | 1168 |
| 24-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-047: Crystalline materials characterization with combined techniques | | | CHAIR | 0 | Alejandro Ayala | 80 |
| 24-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-047: Crystalline materials characterization with combined techniques | 513 | On site analysis of paintings by using portable instruments | Oral 30 mins | 1 | Prof Izumi Nakai | 927 |
| 24-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-047: Crystalline materials characterization with combined techniques | 1525 | Getting More for Less: Adaptive X-ray Fluorescence Sampling for Imaging | Oral 30 mins | 2 | Prof Marc Walton | 1703 |
| 24-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-047: Crystalline materials characterization with combined techniques | 1519 | Combining characterization techniques at the NSLS-II | Oral 30 mins | 3 | Mr Eric Dooryhee | 1701 |

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| 24-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-047: Crystalline materials characterization with combined techniques | 774 | Disordered zeolite solved by combining electron diffraction, HRTEM and XRPD | Oral 15 mins | 4 | Ms Magdalena Ola Cichocka | 834 |
| 24-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-047: Crystalline materials characterization with combined techniques | 107 | Crystallochemical characterization of polyoxometalate new minerals | Oral 15 mins | 5 | Dr Marcelo B Andrade | 357 |
| 24-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-047: Crystalline materials characterization with combined techniques | 1921 | TAILORING MOLECULAR MULTIFERROIC COMPOUNDS: NEUTRON STUDIES ON FORMATE FRAMEWORKS | Oral 15 mins | 6 | Dr Laura Cañadillas-Delgado | 2022 |
| 24-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-047: Crystalline materials characterization with combined techniques | 26 | Scanning transmission electron microscopy assessment of a metal-organic framework compound | Oral 15 mins | 7 | Prof Peter Moeck | 78 |
| 24-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-048: Supramolecular synthons at the confluence of theory and practice | | | CHAIR | 0 | P Venugopalan | 431 |
| 24-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-048: Supramolecular synthons at the confluence of theory and practice | | | CHAIR | 0 | Catharine Esterhuysen | 841 |
| 24-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-048: Supramolecular synthons at the confluence of theory and practice | 1563 | Hydrogen Bonds and Halogen Bonds: Solid-State, Solution-Phase and Theory | Oral 30 mins | 1 | Prof Lee Brammer | 1729 |
| 24-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-048: Supramolecular synthons at the confluence of theory and practice | 1047 | Molecules to Materials: Supramolecular Synthons and 2D Metal-Organic Nanosheets | Oral 30 mins | 2 | Prof Narasimha Moorthy Jarugu | 1130 |
| 24-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-048: Supramolecular synthons at the confluence of theory and practice | 557 | Guest exchange and guest influence in dynamic frameworks | Oral 30 mins | 3 | Prof Susan Ann Bourne | 973 |
| 24-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-048: Supramolecular synthons at the confluence of theory and practice | 1004 | Identifying non-conventional supramolecular synthons in the crystalline state | Oral 30 mins | 4 | Prof Edward R.T. Tiekink | 135 |

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| 24-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-048: Supramolecular synthons at the confluence of theory and practice | 1205 | Chiral H-bonded chains: a key to non-centrosymmetric co-crystals of 3,5-dinitropyridine-2(1H)-one | Oral 15 mins | 5 | Dr Ivan Fedyanin | 1264 |
| 24-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-048: Supramolecular synthons at the confluence of theory and practice | 753 | Bond-valence vector model in analysis of boron coordination sphere | Oral 15 mins | 6 | Dr Izabela D. Madura | 1158 |
| 24-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-049: In-situ and in-operando characterization of catalytic and functional materials | | | CHAIR | 0 | Antonio F. Moreira Dos Santos | 1344 |
| 24-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-049: In-situ and in-operando characterization of catalytic and functional materials | | | CHAIR | 0 | Miguel Delgado | 989 |
| 24-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-049: In-situ and in-operando characterization of catalytic and functional materials | 894 | Correlating the chronology and local structure of energy materials | Oral 30 mins | 1 | Dr Daniel Olds | 1270 |
| 24-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-049: In-situ and in-operando characterization of catalytic and functional materials | 452 | Development of operando Techniques for Battery Study using SPICA | Oral 30 mins | 2 | Dr Masao Yonemura | 849 |
| 24-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-049: In-situ and in-operando characterization of catalytic and functional materials | 1672 | In situ synthesis and reduction of functional sulfides | Oral 30 mins | 3 | Prof Daniel Shoemaker | 1823 |
| 24-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-049: In-situ and in-operando characterization of catalytic and functional materials | 1509 | New Techniques to Determine Structural Transformations of Active Catalysts | Oral 30 mins | 4 | Dr Jonathan Hanson | 1691 |
| 24-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-049: In-situ and in-operando characterization of catalytic and functional materials | 1095 | In situ XRD study of Mn-containing oxide catalysts | Oral 30 mins | 5 | Olga Bulavchenko | 1094 |

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| 24-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-050: Small-Angle Scattering studies of biomacromolecular kinetics | | | CHAIR | 0 | Pau Bernado | 504 |
| 24-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-050: Small-Angle Scattering studies of biomacromolecular kinetics | | | CHAIR | 0 | Clement Blanchet | 1182 |
| 24-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-050: Small-Angle Scattering studies of biomacromolecular kinetics | 683 | Structural Exploring Multi-component Equilibrium in Biological Systems | Oral 30 mins | 1 | Prof Hironari Kamikubo | 1092 |
| 24-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-050: Small-Angle Scattering studies of biomacromolecular kinetics | 1579 | Combined SAXS and Microfluidics for time-resolved structural studies of bimolecules | Oral 30 mins | 2 | Prof Lise Arleth | 1738 |
| 24-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-050: Small-Angle Scattering studies of biomacromolecular kinetics | 494 | High-throughput BioSAXS at ESRF BM29 | Oral 30 mins | 3 | Dr Martha Elisabeth Brennich | 901 |
| 24-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-050: Small-Angle Scattering studies of biomacromolecular kinetics | 1028 | Coupling microfluidics and SAXS to study the whole crystallization process | Oral 30 mins | 4 | Dr Sébastien Teychené | 1362 |
| 24-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-050: Small-Angle Scattering studies of biomacromolecular kinetics | 740 | High-flux time-resolved experiments and anomalous scattering at EMBL P12 beamline | Oral 15 mins | 5 | Dr Andrey Gruzinov | 905 |
| 24-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-050: Small-Angle Scattering studies of biomacromolecular kinetics | 1746 | Synthetic polymers: WAXS and SAXS methods to understand materials functionality | Oral 15 mins | 6 | Dr Antonia Neels | 1884 |
| 24-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-051: Recent developments in XAFS spectroscopy: Theory, instrumentation and data analysis | | | CHAIR | 0 | Konstantin Klementiev | 1861 |
| 24-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-051: Recent developments in XAFS spectroscopy: Theory, instrumentation and data analysis | 1818 | EXAFS at the future diffraction limited storage ring PETRA IV | Oral 30 mins | 1 | Dr Edmund Welter | 1803 |

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| 24-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-051: Recent developments in XAFS spectroscopy: Theory, instrumentation and data analysis | 663 | Novel Plasmon-Coupling Theory for XAFS and diffraction | Oral 30 mins | 2 | Prof Christopher Thomas Chantler | 1079 |
| 24-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-051: Recent developments in XAFS spectroscopy: Theory, instrumentation and data analysis | 1133 | FPMS code with an interface to Electronic Structure codes | Oral 30 mins | 3 | Dr Keisuke Hatada | 1432 |
| 24-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-051: Recent developments in XAFS spectroscopy: Theory, instrumentation and data analysis | 716 | Creating a robust,extensible XAS data standard | Oral 30 mins | 4 | Dr James Reginald Hester | 1121 |
| 24-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-051: Recent developments in XAFS spectroscopy: Theory, instrumentation and data analysis | 1988 | ParSeq: parallel execution of sequential data analysis applied to XAFS | Oral 15 mins | 5 | Dr Konstantin Klementiev | 1861 |
| 24-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-051: Recent developments in XAFS spectroscopy: Theory, instrumentation and data analysis | 668 | XAFS, Fluorescence, XANES, RIXS, XERT data formats and coding | Oral 15 mins | 6 | Prof Christopher Thomas Chantler | 1079 |
| 24-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-052: Minerals/gems in industrial applications | | | CHAIR | 0 | Patrick Mercier | 1003 |
| 24-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-052: Minerals/gems in industrial applications | | | CHAIR | 0 | Fermin Otorala | 1870 |
| 24-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-052: Minerals/gems in industrial applications | 265 | Biomimetic citrate-coated nanopatites for biomedical and industrial applications | Oral 30 mins | 1 | Dr Jaime Gomez Morales | 646 |
| 24-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-052: Minerals/gems in industrial applications | 818 | Accuracy in Quantitative Phase Analysis: The Impact of Instrument Geometry | Oral 30 mins | 2 | Dr Matthew Ryan Rowles | 897 |
| 24-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-052: Minerals/gems in industrial applications | 353 | Polytypism in Natural SiC Using Laue Microdiffraction at ALS 12.3.2 | Oral 30 mins | 3 | Dr Camelia Veronica Stan | 762 |
| 24-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-052: Minerals/gems in industrial applications | 821 | Synthesis and Characterization of Multifunctional Mineral Beyerite (CaBi2O2(CO3)2) | Oral 30 mins | 4 | Ms Meenakshi Pokhriyal | 1210 |

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| 24-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-052: Minerals/gems in industrial applications | 1876 | Iron oxide for arsenic removal in water: synthesis and characterization | Oral 15 mins | 5 | Dr Luis Guillermo Romero-Esquivel | 1990 |
| 24-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-052: Minerals/gems in industrial applications | 1722 | Local structures of Ca, Ti, Fe in shergottite fusion glass | Oral 15 mins | 6 | Mr Tsubasa Tobase | 1864 |
| 24-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-053: Scientific value of raw data | | | CHAIR | 0 | Loes Kroon-Batenburg | 398 |
| 24-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-053: Scientific value of raw data | | | CHAIR | 0 | Brian McMahon | 1283 |
| 24-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-053: Scientific value of raw data | 584 | Past and Future Uses of Raw Diffraction Data | Oral 30 mins | 1 | Prof George Phillips | 2438 |
| 24-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-053: Scientific value of raw data | 1764 | A Public Database of Macromolecular Diffraction Experiments | Oral 30 mins | 2 | Dr Marek Piotr Grabowski | 1894 |
| 24-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-053: Scientific value of raw data | 1197 | Treatment of X-ray Diffraction Data at Diamond Light Source | Oral 30 mins | 3 | Mr James Parkhurst | 1450 |
| 24-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-053: Scientific value of raw data | 664 | To merge or not to merge; to spline or ... | Oral 30 mins | 4 | Prof Christopher Thomas Chantler | 1079 |
| 24-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-053: Scientific value of raw data | 1590 | Macromolecular diffraction data fit for archiving | Oral 15 mins | 5 | Dr Andreas Foerster | 1364 |
| 24-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-053: Scientific value of raw data | 1762 | Crystallographic metadata from a front end perspective | Oral 15 mins | 6 | Dr Kamil Filip Dziubek | 1549 |
| 25-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-063: Cell signalling, ubiquitination and cell death | | | CHAIR | 0 | Peter Czabotar | 1067 |
| 25-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-063: Cell signalling, ubiquitination and cell death | 1373 | Signalling around DNA breaks – new tricks for old dogs! | Oral 30 mins | 1 | Dr Stephen John Smerdon | 1621 |
| 25-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-063: Cell signalling, ubiquitination and cell death | 1600 | Regulation of RING ubiquitin ligases by small protein molecules | Oral 30 mins | 2 | Dr Danny Huang | 1749 |
| 25-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-063: Cell signalling, ubiquitination and cell death | 1978 | How do MACPF/CDC pore forming protein punch holes in cells? | Oral 30 mins | 3 | Dr Michelle Dunstone | 296 |
| 25-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-063: Cell signalling, ubiquitination and cell death | 1612 | Regulation of WWP2 Ubiquitin Ligase | Oral 30 mins | 4 | Dr Sandra B. Gabelli | 1761 |
| 25-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-063: Cell signalling, ubiquitination and cell death | 1071 | Structural Characterisation of SARM in Axon Degeneration and Cell Death | Oral 30 mins | 5 | Mr Shane Michael Horsefield | 1400 |

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| 25-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-055: New challenges in interpretation of structural data | | | CHAIR | 0 | Kurt Krause | 898 |
| 25-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-055: New challenges in interpretation of structural data | | | CHAIR | 0 | George Phillips | 2438 |
| 25-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-055: New challenges in interpretation of structural data | 1984 | Cryo-EM in the age of X-ray crystallography | Oral 30 mins | 1 | Prof Matthias Wolf | 2158 |
| 25-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-055: New challenges in interpretation of structural data | 1979 | Artificial synthesis of supramolecular protein structures | Oral 30 mins | 2 | Dr Lawrence Kwong Ynyr Lee | 2142 |
| 25-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-055: New challenges in interpretation of structural data | 1698 | How to solve, refine, validate, and deposit difficult macromolecular structures | Oral 15 mins | 3 | Dr Dominika Borek | 1342 |
| 25-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-055: New challenges in interpretation of structural data | 1214 | Conquering non-isomorphism | Oral 15 mins | 4 | Prof Kay Diederichs | 1413 |
| 25-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-055: New challenges in interpretation of structural data | 1139 | Online automated structure solution from multiple datasets | Oral 15 mins | 5 | Dr Santosh Panjekar | 1066 |
| 25-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-055: New challenges in interpretation of structural data | 1128 | A novel method in modelling diffuse scattering in protein crystallography | Oral 15 mins | 6 | Mr Tim De Klijn | 1451 |
| 25-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-055: New challenges in interpretation of structural data | 896 | Refinement of Macromolecular Structures at Low Resolution | Oral 15 mins | 7 | Dr Oleg Kovalevskiy | 1257 |
| 25-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-056: Direct observation of reactions and labile species within porous frameworks | | | CHAIR | 0 | Kumar Biradha | 118 |
| 25-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-056: Direct observation of reactions and labile species within porous frameworks | | | CHAIR | 0 | Javier Rujas | 1814 |
| 25-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-056: Direct observation of reactions and labile species within porous frameworks | 656 | Chemistry of Labile Small Sulfur Allotropes in Interactive Coordination Networks | Oral 30 mins | 1 | Dr Hiroyoshi Ohtsu | 280 |
| 25-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-056: Direct observation of reactions and labile species within porous frameworks | 878 | Hybrid Halogen Bonded Frameworks: Topology Variety and Molecule Sorption Properties. | Oral 30 mins | 2 | Prof Giancarlo Terraneo | 1123 |

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| 25-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-056: Direct observation of reactions and labile species within porous frameworks | 1639 | Open Channels in Porous Molecular Crystals: Host-Guest Structures and Interactions | Oral 30 mins | 3 | Dr Hidehiro Uekusa | 1517 |
| 25-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-056: Direct observation of reactions and labile species within porous frameworks | 300 | Chiral crystalline sponges: absolute structure determination of chiral guests | Oral 30 mins | 4 | Dr Ritesh Dubey | 56 |
| 25-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-056: Direct observation of reactions and labile species within porous frameworks | 22 | Coordinative alignment of molecules in chiral metal-organic frameworks | Oral 15 mins | 5 | Dr Eugene Kapustin | 55 |
| 25-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-056: Direct observation of reactions and labile species within porous frameworks | 1387 | Structural diversity of Coordination Polymers derived from Imidazole based Ligands | Oral 15 mins | 6 | Dr Anantharaman Ganapathi | 1632 |
| 25-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-057: Charge density studies in crystal and cocrystal engineering | | | CHAIR | 0 | Tejender Thakur | 82 |
| 25-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-057: Charge density studies in crystal and cocrystal engineering | | | CHAIR | 0 | Anna Krawczuk | 1046 |
| 25-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-057: Charge density studies in crystal and cocrystal engineering | 535 | Localization-Delocalization Matrices: Bridging QTAIM and Chemical Graph Theory | Oral 30 mins | 1 | Prof Chérif Matta | 947 |
| 25-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-057: Charge density studies in crystal and cocrystal engineering | 254 | Cocrystal vs. Salt: Effect of crystal environment on molecular interactions | Oral 30 mins | 2 | Prof Enrique Espinosa | 335 |
| 25-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-057: Charge density studies in crystal and cocrystal engineering | 518 | Using electron density to understand cocrystal structures | Oral 30 mins | 3 | Dr Julia Contreras-Garcia | 931 |
| 25-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-057: Charge density studies in crystal and cocrystal engineering | 1281 | Using charge density to understand structure-property relationships in pharmaceutical co-crystals | Oral 30 mins | 4 | Prof Simon John Coles | 312 |
| 25-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-057: Charge density studies in crystal and cocrystal engineering | 1310 | Efficient organic NLO material: Charge density analysis and device fabrication | Oral 15 mins | 5 | Mr Kunal Kumar Jha | 75 |

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| 25-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-057: Charge density studies in crystal and cocrystal engineering | 1667 | Cluster analysis of functional group polarizabilities | Oral 15 mins | 6 | Ms Michelle Ernst | 1820 |
| 25-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-058: Powder diffraction & polymorphism. Search, phase transformations and new polymorph identification | | | CHAIR | 0 | Anant Paradkar | 1976 |
| 25-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-058: Powder diffraction & polymorphism. Search, phase transformations and new polymorph identification | | | CHAIR | 0 | Alan Goldman | 158 |
| 25-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-058: Powder diffraction & polymorphism. Search, phase transformations and new polymorph identification | 1613 | Applications of X-ray Powder Diffractometry in Preformulation and Formulation Studies | Oral 30 mins | 1 | Prof Raj Suryanarayanan | 1762 |
| 25-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-058: Powder diffraction & polymorphism. Search, phase transformations and new polymorph identification | 1097 | Quantitative phase analysis of polymorphs using only observed integrated intensities | Oral 30 mins | 2 | Dr Hideo Toraya | 1425 |
| 25-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-058: Powder diffraction & polymorphism. Search, phase transformations and new polymorph identification | 971 | Adenine phase transformations in situ: crystalline, non-crystalline and in between | Oral 15 mins | 3 | Dr Dubravka Sisak Jung | 1322 |
| 25-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-058: Powder diffraction & polymorphism. Search, phase transformations and new polymorph identification | 1311 | ICDD Full Diffraction Pattern Polymer Project for Biomedical Materials Characterization | Oral 30 mins | 4 | Dr Thomas Nelson Blanton | 1577 |
| 25-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-058: Powder diffraction & polymorphism. Search, phase transformations and new polymorph identification | 1717 | Designed crystallization via sublimation | Oral 15 mins | 5 | Dr Sudarshan Mahapatra | 1859 |

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| 25-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-058: Powder diffraction & polymorphism. Search, phase transformations and new polymorph identification | 1077 | Anomalous thermal behaviour and diffuse scattering in cadmium cyanide | Oral 15 mins | 6 | Ms Chloe Simone Coates | 1407 |
| 25-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-058: Powder diffraction & polymorphism. Search, phase transformations and new polymorph identification | 2108 | PXRD and SSNMR Spectroscopy: Complimentary Techniques for Polymorph Identification | Oral 15 mins | 7 | Dr Eric Munson | 2538 |
| 25-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-059: Quantitative electron diffraction | | | CHAIR | 0 | Mauro Gemmi | 1673 |
| 25-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-059: Quantitative electron diffraction | | | CHAIR | 0 | Enrico Mugnaioli | 1449 |
| 25-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-059: Quantitative electron diffraction | 447 | Atomic structure of metal-ion battery cathodes with electron diffraction tomography | Oral 30 mins | 1 | Prof Artem Abakumov | 838 |
| 25-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-059: Quantitative electron diffraction | 1588 | Dynamical refinement of modulated structures against electron diffraction data | Oral 30 mins | 2 | Dr Lukas Palatinus | 1209 |
| 25-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-059: Quantitative electron diffraction | 1974 | Electron 3D crystallography of protein crystals for visualization of charges | Oral 30 mins | 3 | Dr Koji Yonekura | 2132 |
| 25-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-059: Quantitative electron diffraction | 1975 | Locate light elements by electron diffraction | Oral 30 mins | 4 | Dr Junliang Sun | 2136 |
| 25-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-059: Quantitative electron diffraction | 325 | Structure of the SnO ₂ (110)-(4×1) with LEED I(E) | Oral 15 mins | 5 | Dr Katariina Pussi | 728 |
| 25-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-059: Quantitative electron diffraction | 751 | Serial electron diffraction for phase analysis and structure determination | Oral 15 mins | 6 | Dr Stef Smeets | 574 |

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| 25-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-060: XAS at extreme conditions | | | CHAIR | 0 | Giuliana Aquilanti | 1865 |
| 25-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-060: XAS at extreme conditions | 409 | EXAFS and laser-driven compression at the Omega and NIF facilities | Oral 30 mins | 1 | Dr Federica Coppari | 816 |
| 25-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-060: XAS at extreme conditions | 297 | RIXS at extreme conditions at the GALAXIES beamline | Oral 30 mins | 2 | Dr Jean-Pascal Rueff | 701 |
| 25-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-060: XAS at extreme conditions | 448 | Extreme condition beamline at SIRIUS to study rare-earths and actinides | Oral 30 mins | 3 | Dr Narcizo Marques De Souza Neto | 848 |
| 25-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-060: XAS at extreme conditions | 162 | High pressure XRD and XAS Study of SnI4 | Oral 30 mins | 4 | Dr Jean-Paul Itié | 469 |

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| 25-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-061: Perovskites, perovskites and perovskites! | | | CHAIR | 0 | Maarit Karppinen | 2006 |
| 25-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-061: Perovskites, perovskites and perovskites! | | | CHAIR | 0 | Prof. Venkataramanan Mahalingam | 1812 |
| 25-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-061: Perovskites, perovskites and perovskites! | 1475 | Crystal/Magnetic Structures, Spin Correlations and Dynamics in Sr ₂ YRuO ₆ Double Perovskite | Oral 30 mins | 1 | Prof Eduardo Granado Monteiro Da Silva | 1671 |
| 25-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-061: Perovskites, perovskites and perovskites! | 241 | Magnetic frustration and random exchange in double perovskites | Oral 30 mins | 2 | Dr Sami Vasala | 481 |
| 25-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-061: Perovskites, perovskites and perovskites! | 855 | Polar and magnetic structures of NaLnCoWO ₆ doubly ordered perovskites | Oral 30 mins | 3 | Dr Claire V. Colin | 843 |
| 25-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-061: Perovskites, perovskites and perovskites! | 1942 | MULTIFERROELECTRICITY OF CORNER-SHARED PEROVSKITE NETWORKS OF MANGANESE AND OXYGEN | Oral 30 mins | 4 | Prof Omar Chmaissem | 2081 |
| 25-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-061: Perovskites, perovskites and perovskites! | 284 | Insights on the structural transformations in NBT-xBT from polarized Raman | Oral 15 mins | 5 | Dr Gemma De La Flor Martin | 521 |
| 25-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-061: Perovskites, perovskites and perovskites! | 458 | Electric field induced monoclinic distortion and polarization rotation in Na _{0.5} Bi _{0.5} TiO ₃ | Oral 15 mins | 6 | Dr Semën Gorfman | 856 |
| 25-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-062: Topological magnetic structures : monopoles, skyrmions, etc. | | | CHAIR | 0 | Henrick Ronnow | 2040 |
| 25-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-062: Topological magnetic structures : monopoles, skyrmions, etc. | 1674 | Complex mesoscale magnetic order in the Néel-type skyrmion material GaV ₄ S ₈ | Oral 30 mins | 1 | Dr Jonathan Stuart White | 1828 |

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| 25-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-062: Topological magnetic structures : monopoles, skyrmions, etc. | 756 | Structural and magnetic investigations of new skyrmion phases | Oral 30 mins | 2 | Prof Geetha Balakrishnan | 992 |
| 25-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-062: Topological magnetic structures : monopoles, skyrmions, etc. | 903 | Magnetic frustration in rare earth zirconate pyrochlores | Oral 30 mins | 3 | Dr Monica Ciomaga Hatnean | 1278 |
| 25-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-062: Topological magnetic structures : monopoles, skyrmions, etc. | 2090 | How Skyrmion Lattice Forms and Arranges | Oral 30 mins | 4 | Dr Ping Huang | 2427 |
| 25-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-062: Topological magnetic structures : monopoles, skyrmions, etc. | 2094 | Magnetic quadrupolar order in the chiral square cupola compound BaTiOCu ₄ (PO ₄) ₄ | Oral 30 mins | 5 | Henrick Ronnow | 2040 |
| 25-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-072: Solving the phase problem without experimental phasing | | | CHAIR | 0 | Xiao-Dong Su | 1017 |
| 25-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-072: Solving the phase problem without experimental phasing | | | CHAIR | 0 | Leonard Chavas | 752 |
| 25-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-072: Solving the phase problem without experimental phasing | 290 | Structure determination and annotation of serendipitously crystallized proteins | Oral 30 mins | 1 | Prof Mathur R Murthy | 682 |
| 25-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-072: Solving the phase problem without experimental phasing | 1119 | De novo in-vivo protein crystal structure: is experimental phasing required? | Oral 30 mins | 2 | Dr Pierre Montaville | 1439 |
| 25-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-072: Solving the phase problem without experimental phasing | 1428 | Solving structures from in cellulo crystallized proteins: strategies and bottlenecks | Oral 30 mins | 3 | Prof Lars Redecke | 645 |
| 25-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-072: Solving the phase problem without experimental phasing | 1098 | ContaMiner and ContaBase: Automated identification of unwantedly crystallized protein contaminants | Oral 30 mins | 4 | Prof Stefan T Arold | 1426 |
| 25-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-072: Solving the phase problem without experimental phasing | 220 | New in the ARCIMBOLDO toolbox for phasing with small fragments | Oral 15 mins | 5 | Ms Claudia Lucía Millán Nebot | 406 |
| 25-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-072: Solving the phase problem without experimental phasing | 1439 | Unconventional Molecular Replacement for Helical Transmembrane Proteins using AMPLE | Oral 15 mins | 6 | Mr Felix Simkovic | 1657 |

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| 25-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-064: Time and motion resolved imaging and diffraction | | | CHAIR | 0 | John Keith Moffat | 2128 |
| 25-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-064: Time and motion resolved imaging and diffraction | | | CHAIR | 0 | Dominik Oberthuer | 1016 |
| 25-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-064: Time and motion resolved imaging and diffraction | 737 | Time-resolved mixing-jet X-ray Free Electron Laser crystallography experiments | Oral 30 mins | 1 | Dr Dominik Oberthuer | 1016 |
| 25-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-064: Time and motion resolved imaging and diffraction | 822 | Two colour imaging of ultrafast magnetisation dynamics | Oral 30 mins | 2 | Dr Clemens von Korff Schmising | 1208 |
| 25-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-064: Time and motion resolved imaging and diffraction | 1611 | Room temperature femtosecond X-ray crystallography of Photosystem II | Oral 30 mins | 3 | Dr Jan Kern | 1743 |
| 25-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-064: Time and motion resolved imaging and diffraction | 2030 | Femtosecond structural dynamics of trans/cis isomerization in photoactive yellow protein | Oral 30 mins | 4 | Dr Kanupriya Pande | 2220 |
| 25-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-064: Time and motion resolved imaging and diffraction | 475 | BIMORPH X-RAY OPTICS FOR TIME-RESOLVED EXPERIMENTS | Oral 30 mins | 5 | Mr Anton Kulikov | 870 |
| 25-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-065: New structures for natural and synthetic open framework materials | | | CHAIR | 0 | Florenzia Di Salvo | 561 |
| 25-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-065: New structures for natural and synthetic open framework materials | | | CHAIR | 0 | Laszlo Fabian | 2046 |
| 25-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-065: New structures for natural and synthetic open framework materials | 1626 | Minerals with Metal-Organic Framework Structures | Oral 30 mins | 1 | Prof Tomislav Friscic | 1773 |
| 25-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-065: New structures for natural and synthetic open framework materials | 806 | Adding Flavours to our MOFs | Oral 30 mins | 2 | Prof Alessia Bacchi | 1194 |
| 25-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-065: New structures for natural and synthetic open framework materials | 274 | Metal–Organic Frameworks with Multi-Components in Order | Oral 30 mins | 3 | Prof Qiaowei Li | 665 |

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| 25-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-065: New structures for natural and synthetic open framework materials | 735 | Bismuth Coordination Polymers: From Centuries-old Medicines to Unprecedented Topological Complexity | Oral 30 mins | 4 | Dr Andrew Kentaro Inge | 1141 |
| 25-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-065: New structures for natural and synthetic open framework materials | 443 | K ₂ Ce(PO ₄) ₂ : A New Complex Phosphate of Ce(IV) | Oral 30 mins | 5 | Ms Samatha Bevara | 71 |
| 25-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-066: Bending, jumping and rotating: Motion and movement in crystalline solids | | | CHAIR | 0 | C. Malla Reddy | 122 |
| 25-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-066: Bending, jumping and rotating: Motion and movement in crystalline solids | | | CHAIR | 0 | Daisuke Hashizume | 2028 |
| 25-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-066: Bending, jumping and rotating: Motion and movement in crystalline solids | 685 | Disintegrative vs Restorative Effects during Motion and Self-Healing of Crystals | Oral 30 mins | 1 | Prof Pance Naumov | 1009 |
| 25-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-066: Bending, jumping and rotating: Motion and movement in crystalline solids | 2000 | Gold Isocyanide Complexes with Mechanical Response | Oral 30 mins | 2 | Prof Hajime Ito | 2183 |
| 25-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-066: Bending, jumping and rotating: Motion and movement in crystalline solids | 136 | Crystal Jumping of Alkyl Acridone and its Dicyanomethylenated Derivatives | Oral 30 mins | 3 | Dr Takashi Takeda | 430 |
| 25-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-066: Bending, jumping and rotating: Motion and movement in crystalline solids | 94 | Design of elastically bendable molecular crystals: Implications for smart actuators | Oral 15 mins | 4 | Dr Soumyajit Ghosh | 319 |
| 25-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-066: Bending, jumping and rotating: Motion and movement in crystalline solids | 1324 | Quantitative approaches to crystal engineering: Applications to mechanical properties | Oral 15 mins | 5 | Dr Sajesh Pynadath Thomas | 1586 |
| 25-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-066: Bending, jumping and rotating: Motion and movement in crystalline solids | 350 | Third Generation Crystal Engineering. Hand-Twisted Helical Crystals | Oral 15 mins | 6 | Mr Subhankar Saha | 760 |
| 25-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-066: Bending, jumping and rotating: Motion and movement in crystalline solids | 1914 | Feedback mechanisms in single-crystal-to-single-crystal solid-state reactions | Oral 15 mins | 7 | Prof Manuel Antonio Fernandes | 2016 |

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| 25-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-067: Grain mapping and spatially-resolved diffraction - reaching the ppm scale. | | | CHAIR | 0 | H. F. Poulsen | 2371 |
| 25-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-067: Grain mapping and spatially-resolved diffraction - reaching the ppm scale. | | | CHAIR | 0 | Gavin Vaughan | 2093 |
| 25-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-067: Grain mapping and spatially-resolved diffraction - reaching the ppm scale. | 1932 | Multi-scale 3D Characterization with Dark-Field X-Ray Microscopy | Oral 30 mins | 1 | Dr Hugh William Simons | 2049 |
| 25-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-067: Grain mapping and spatially-resolved diffraction - reaching the ppm scale. | 2017 | Real-time chemical imaging of working catalytic membrane reactors | Oral 30 mins | 2 | Mr Antonios Vamvakeros | 2211 |
| 25-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-067: Grain mapping and spatially-resolved diffraction - reaching the ppm scale. | 862 | Orientation mapping of steel by scanning three-dimensional x-ray diffraction microscopy | Oral 30 mins | 3 | Dr Yujiro Hayashi | 1244 |
| 25-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-067: Grain mapping and spatially-resolved diffraction - reaching the ppm scale. | 1030 | Sub-millimetre-resolved X-ray phase analysis for materials science | Oral 30 mins | 4 | Dr Alexey Veligzhanin | 1361 |
| 25-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-068: New X-ray sources: Storage rings - FELs- laser-based | | | CHAIR | 0 | Harald Reichert | 2148 |
| 25-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-068: New X-ray sources: Storage rings - FELs- laser-based | | | CHAIR | 0 | Tetsuya Ishikawa | 2084 |
| 25-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-068: New X-ray sources: Storage rings - FELs- laser-based | 1881 | Storage Ring X-ray Sources | Oral 30 mins | 1 | Prof Joel Donald Brock | 1992 |
| 25-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-068: New X-ray sources: Storage rings - FELs- laser-based | 2016 | The European X-ray Free Electron Laser | Oral 30 mins | 2 | Prof Robert Feidenhansl | 2209 |
| 25-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-068: New X-ray sources: Storage rings - FELs- laser-based | 2013 | Recent Progress of Laser-Driven Intense X-ray Sources and the Applications | Oral 30 mins | 3 | Dr Tetsuya Kawachi | 2204 |
| 25-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-068: New X-ray sources: Storage rings - FELs- laser-based | 1355 | Structural Biology at the diffraction limited synchrotron source MAX IV | Oral 15 mins | 4 | Dr Marjolein Thunnissen | 1607 |
| 25-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-068: New X-ray sources: Storage rings - FELs- laser-based | 917 | New dimensions for imaging and diffraction research at European XFEL | Oral 15 mins | 5 | Dr Alexander Blagov | 1285 |

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| 25-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-068: New X-ray sources: Storage rings - FELs- laser-based | 1581 | Development of Automated Home-Lab Beamlines | Oral 15 mins | 6 | Dr Vernon Russell Smith | 1737 |
| 25-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-068: New X-ray sources: Storage rings - FELs- laser-based | 936 | PHASE beamline at Kurchatov synchrotron light source. | Oral 15 mins | 7 | Dr Roman Senin | 1274 |
| 25-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-069: High-pressure crystallography as the ultimate interdisciplinary tool | | | CHAIR | 0 | Dr Ines Collings | 1254 |
| 25-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-069: High-pressure crystallography as the ultimate interdisciplinary tool | | | CHAIR | 0 | A. Goodwin | 1534 |
| 25-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-069: High-pressure crystallography as the ultimate interdisciplinary tool | 215 | Reactivity of Elements and Compounds:Results of Structure Prediction AlgorithmUSPEX | Oral 30 mins | 1 | Prof Artem Oganov | 550 |
| 25-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-069: High-pressure crystallography as the ultimate interdisciplinary tool | 444 | Triggering Dynamic Structural Changes in Lipid Membranes | Oral 30 mins | 2 | Dr Nicholas Jan Brooks | 844 |
| 25-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-069: High-pressure crystallography as the ultimate interdisciplinary tool | 1558 | Novel Compounds synthesized at High Pressure-High Temperatures | Oral 30 mins | 3 | Dr Maddury Somayazulu | 1722 |
| 25-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-069: High-pressure crystallography as the ultimate interdisciplinary tool | 1276 | Novel Modulated Structure of Superconducting Hydrogen Sulfide | Oral 30 mins | 4 | Prof John S Tse | 1557 |
| 25-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-069: High-pressure crystallography as the ultimate interdisciplinary tool | 510 | High-Pressure X-ray Diffraction and Mössbauer Spectroscopy Study of Fe _{1.087} Te | Oral 15 mins | 5 | Prof Jens-Erik Jørgensen | 549 |
| 25-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-069: High-pressure crystallography as the ultimate interdisciplinary tool | 243 | Putting pressure on WOMBAT – outcomes and unique capabilities | Oral 15 mins | 6 | Dr Helen Elizabeth Maynard-Casely | 514 |

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| 25-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-070: Superconducting materials | | | CHAIR | 0 | Irina Makarova | 544 |
| 25-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-070: Superconducting materials | | | CHAIR | 0 | R. J. McQueeney | 2121 |
| 25-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-070: Superconducting materials | 627 | Tc-enhancement of Fe _{1+δ} Se by electrochemical lithium intercalation | Oral 30 mins | 1 | Prof Evgeny Antipov | 934 |
| 25-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-070: Superconducting materials | 1239 | The electron microscopy of superconducting materials | Oral 30 mins | 2 | Dr Alexander L Vasiliev | 642 |
| 25-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-070: Superconducting materials | 1971 | Coexistence of superconductivity and ferromagnetism in Eu-based Fe pnictides | Oral 30 mins | 3 | Prof Shibabrata Nandi | 2125 |
| 25-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-070: Superconducting materials | 525 | Lattice location of Ta and Ti in doped Nb ₃ Sn | Oral 30 mins | 4 | Dr Steve Michael Heald | 937 |
| 25-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-071: Crystallographic patterns in art and cultural heritage | | | CHAIR | 0 | Louise De Las Penas | 526 |
| 25-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-071: Crystallographic patterns in art and cultural heritage | | | CHAIR | 0 | Rima Ajlouni | 1340 |
| 25-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-071: Crystallographic patterns in art and cultural heritage | 114 | The different tiling of 12-fold rosettes in Moroccan geometric art | Oral 30 mins | 1 | Prof Youssef Aboufadil | 366 |
| 25-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-071: Crystallographic patterns in art and cultural heritage | 25 | Quantitative classification of periodic gray-level patterns by geometric AIC | Oral 30 mins | 2 | Prof Peter Moeck | 78 |
| 25-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-071: Crystallographic patterns in art and cultural heritage | 2074 | Crystallographic Patterns in Philippine Indigenous Fabrics | Oral 30 mins | 3 | Prof Ma. Louise Antonette Delas Penas | 526 |
| 25-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-071: Crystallographic patterns in art and cultural heritage | 2077 | A generalized structural model for generating quasi-periodic formations | Oral 30 mins | 4 | Dr Rima Ajlouni | 1340 |
| 26-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-081: Macromolecular machinery | | | CHAIR | 0 | Richard Charles Garratt | 1039 |
| 26-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-081: Macromolecular machinery | | | CHAIR | 0 | Soichi Wakatsuki | 814 |
| 26-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-081: Macromolecular machinery | 1363 | Structure based analysis of the Type III Secretion Injectisome | Oral 30 mins | 1 | Prof Catherine Natalie Strynadka | 1605 |

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| 26-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-081: Macromolecular machinery | 1719 | Structural basis for processive transcription antitermination | Oral 30 mins | 2 | Prof Markus C. Wahl | 1860 |
| 26-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-081: Macromolecular machinery | 1026 | Ezrin, monomeric and dimeric, characterised by crystallography and SAXS | Oral 30 mins | 3 | Dr Anthony Patrick Duff | 1359 |
| 26-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-081: Macromolecular machinery | 955 | COMMANDER COMPLEX: a new endosomal protein sorting platform | Oral 30 mins | 4 | Dr Rajesh Ghai | 1314 |
| 26-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-081: Macromolecular machinery | 223 | Two-Component Systems in Bacteria: how is the signal unidirectionally transmitted? | Oral 15 mins | 5 | Mr Juan Andres Imelio | 560 |
| 26-08-2017 | 1030-1305 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-081: Macromolecular machinery | 1743 | Unraveling the structural dynamics of the Type II secretion system. | Oral 15 mins | 6 | Dr Mangayarkarasi Nivaskumar | 741 |
| 26-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-073: Minimizing radiation damage | | | CHAIR | 0 | Mike Hough | 631 |
| 26-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-073: Minimizing radiation damage | 561 | Radiation Damage in Macromolecular Crystallography: the current knowns and unknowns | Oral 30 mins | 1 | Prof Elspeth F. Garman | 850 |
| 26-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-073: Minimizing radiation damage | 1646 | Radiation damage in electron cryomicroscopy (cryoEM) | Oral 30 mins | 2 | Dr Richard Henderson | 77 |
| 26-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-073: Minimizing radiation damage | 849 | Radiation Damage in Protein Crystallography at X-ray Free-electron Lasers | Oral 30 mins | 3 | Dr Karol Jan Nass | 1214 |
| 26-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-073: Minimizing radiation damage | 788 | Study and mitigation of radiation damage on the P12BioSAXS beamline | Oral 30 mins | 4 | Dr Clement Emmanuel Blanchet | 1182 |
| 26-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-073: Minimizing radiation damage | 1775 | Low-dose X-ray structure analysis of cytochrome oxidase utilizing high-energy X-rays | Oral 15 mins | 5 | Dr Go Ueno | 1875 |
| 26-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-073: Minimizing radiation damage | 920 | Cryoprotection without cryoprotectant | Oral 15 mins | 6 | Dr Yvonne Thielmann | 1286 |
| 26-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-074: Porous framework materials for catalysis and renewable energy | | | CHAIR | 0 | Christian Doonan | 1799 |
| 26-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-074: Porous framework materials for catalysis and renewable energy | 1964 | Porous crystals from the vapor phase: MOF-CVD | Oral 30 mins | 1 | Prof Rob Ameloot | 2116 |

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| 26-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-074: Porous framework materials for catalysis and renewable energy | 1670 | MOF Bio-composites for Biocatalysis | Oral 30 mins | 2 | Prof Paolo Falcaro | 1822 |
| 26-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-074: Porous framework materials for catalysis and renewable energy | 2039 | Structural Studies of small molecules adsorbed in MOFs | Oral 30 mins | 3 | Dr Craig Martin Brown | 2241 |
| 26-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-074: Porous framework materials for catalysis and renewable energy | 2038 | Guest induced structural deformation of metal-organic polyhedra | Oral 30 mins | 4 | Prof Shuhei Furukawa | 2239 |
| 26-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-074: Porous framework materials for catalysis and renewable energy | 157 | Coordination Polymer Glass for Bio-inspired Photoelectric Conversion Application | Oral 15 mins | 5 | Dr Sanjog S. Nagarkar | 466 |
| 26-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-074: Porous framework materials for catalysis and renewable energy | 153 | Tandem Catalysis by in-situ Generated Microporous COF-Pd Nanoparticle Hybrids | Oral 15 mins | 6 | Mr Mohitosh Bhadra | 229 |
| 26-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-075: Tailored properties of molecular co-crystals | | | CHAIR | 0 | Srinivasulu Aitipamula | 879 |
| 26-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-075: Tailored properties of molecular co-crystals | | | CHAIR | 0 | Susan Bourne | 973 |
| 26-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-075: Tailored properties of molecular co-crystals | 986 | Regulatory classification of cocrystals and its implications on drug development | Oral 30 mins | 1 | Dr Sreenivas Lingireddy | 1331 |
| 26-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-075: Tailored properties of molecular co-crystals | 899 | Multi-component crystals as selective hosts | Oral 30 mins | 2 | Prof Delia Ann Haynes | 916 |
| 26-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-075: Tailored properties of molecular co-crystals | 1181 | Optimizing co-crystal screens using a data-driven machine learning method | Oral 30 mins | 3 | Prof Richard Ian Cooper | 1498 |
| 26-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-075: Tailored properties of molecular co-crystals | 1895 | Exploring cocrystallization of Curcumin | Oral 15 mins | 4 | Ms Jenna Marie Skieneh | 2047 |

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| 26-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-075: Tailored properties of molecular co-crystals | 1712 | Crystal engineering solutions to improve pharmacokinetic properties of nutraceuticals | Oral 15 mins | 5 | Dr Anil Kumar Kruthiventi | 1853 |
| 26-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-075: Tailored properties of molecular co-crystals | 854 | Co-crystallisation and phase-transition: from Pharmaceuticals to thermochromics | Oral 15 mins | 6 | Dr Anuradha Pallipurath Radhakrishnan | 1237 |
| 26-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-075: Tailored properties of molecular co-crystals | 101 | Crystal engineering of zwitterionic drug to neutral cocrystals | Oral 15 mins | 7 | Mr Anilkumar Gunnam | 161 |
| 26-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-076: Diffuse scattering in crystalline structures | | | CHAIR | 0 | Ray Withers | 318 |
| 26-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-076: Diffuse scattering in crystalline structures | | | CHAIR | 0 | Bernardo Barbiellini | 2080 |
| 26-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-076: Diffuse scattering in crystalline structures | 1245 | Strongly Correlated Disorder and the Procrystalline State | Oral 30 mins | 1 | Prof Andrew Goodwin | 1534 |
| 26-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-076: Diffuse scattering in crystalline structures | 1081 | Space and time correlations of polar fluctuations in dielectric materials | Oral 30 mins | 2 | Dr Marek Pasciak | 1409 |
| 26-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-076: Diffuse scattering in crystalline structures | 1266 | PbTe studied by 3D- Δ PDF analysis and ab-initio simulations | Oral 30 mins | 3 | Dr Thomas Weber | 1524 |
| 26-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-076: Diffuse scattering in crystalline structures | 1576 | Single crystal diffuse scattering—a solution to the phase problem? | Oral 30 mins | 4 | Dr Arkadiy Simonov | 1726 |
| 26-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-076: Diffuse scattering in crystalline structures | 605 | Disordered structures in lead-free piezoelectrics | Oral 15 mins | 5 | Mr Patrick Kin Man Tung | 1028 |
| 26-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-076: Diffuse scattering in crystalline structures | 945 | Diffuse single crystal scattering corrected for molecular formfactor effects | Oral 15 mins | 6 | Ms Ella Mara Schmidt | 1299 |
| 26-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-077: Coherence, spectroscopy and time resolved crystallography with new sources | | | CHAIR | 0 | Jan Kern | 1743 |
| 26-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-077: Coherence, spectroscopy and time resolved crystallography with new sources | 1001 | Ultrafast Time-resolved X-ray Spectroscopies at SACLA | Oral 30 mins | 1 | Dr Tetsuo Katayama | 1341 |

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| 26-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-077: Coherence, spectroscopy and time resolved crystallography with new sources | 1721 | Time-resolved Serial Crystallography of Bacteriorhodopsin using Synchrotrons and X-ray Lasers | Oral 30 mins | 2 | Dr Joerg Standfuss | 1815 |
| 26-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-077: Coherence, spectroscopy and time resolved crystallography with new sources | 208 | Time-resolved X-ray diffraction on Density-Waves systems | Oral 30 mins | 3 | Dr Sylvain Ravy | 554 |
| 26-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-077: Coherence, spectroscopy and time resolved crystallography with new sources | 1906 | Time-resolved study of molecular crystals, with anomalously short Br...Br contacts | Oral 30 mins | 4 | Dr Krishnayan Basuroy | 2010 |
| 26-08-2017 | 1030-1305 | MR 1.05 | Instrumentation techniques and/or Computation | MS-077: Coherence, spectroscopy and time resolved crystallography with new sources | 1325 | Coherent X-Ray Experiments at 9000 Hz | Oral 30 mins | 5 | Dr Stefan Brandstetter | 1585 |
| 26-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-078: Advances in high-pressure crystallographic methods | | | CHAIR | 0 | Prof. Goutam Dev Mukherjee | 1804 |
| 26-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-078: Advances in high-pressure crystallographic methods | | | CHAIR | 0 | Kamil Dziubek | 1549 |
| 26-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-078: Advances in high-pressure crystallographic methods | 123 | Melting dynamics of ices by time-resolved light scattering | Oral 30 mins | 1 | Margherita Citroni | 413 |
| 26-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-078: Advances in high-pressure crystallographic methods | 1720 | Novel platform for high-pressure static and dynamic X-ray diffraction experiments | Oral 30 mins | 2 | Dr Karen Appel | 1599 |
| 26-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-078: Advances in high-pressure crystallographic methods | 887 | Towards joint high-pressure X-ray and neutron single-crystal diffraction | Oral 30 mins | 3 | Prof Garry James McIntyre | 1263 |
| 26-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-078: Advances in high-pressure crystallographic methods | 1170 | Single-crystal neutron diffraction in diamond anvil cells with hot neutrons | Oral 30 mins | 4 | Dr Andrzej Grzechnik | 1405 |
| 26-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-078: Advances in high-pressure crystallographic methods | 1247 | Phase transitions of VO2 above 200GPa: XRD and first-principles calculations | Oral 15 mins | 5 | Dr Arthur Haozhe Liu | 1541 |
| 26-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-078: Advances in high-pressure crystallographic methods | 1350 | When one crystal is not enough | Oral 15 mins | 6 | Dr Eric Hovestreydt | 1601 |

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| 26-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-079: Topological insulators | | | CHAIR | 0 | Devashibhai Thakarshibhai Adroja | 703 |
| 26-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-079: Topological insulators | 473 | Neutron scattering study of the Kondo insulators CeT ₂ Al ₁₀ (T=Fe,Ru,Os) | Oral 30 mins | 1 | Dr Devashibhai Thakarshibhai Adroja | 703 |
| 26-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-079: Topological insulators | 501 | Topological behaviour of Ternary non-symmorphic crystals KZnX (X=P,As,Sb) | Oral 30 mins | 2 | Dr Atahar Parveen | 751 |
| 26-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-079: Topological insulators | 2104 | Crystal growth of Topological insulators | Oral 30 mins | 3 | Dr Dharmalingam Prabhakaran | 293 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | | | CHAIR | 0 | Claude Lecomte | 667 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | | | CHAIR | 0 | Michele Zema | 1493 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 1491 | SESAME Light Source: Why in the Middle East? | Oral 30 Mins | 1 | Dr Gihan Salah Kamel | 1589 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 282 | Crystallography - As an Emerging Science. Has Ghana a place? | Oral 10 mins | 2 | Prof Robert Kingsford-Adaboh | 562 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 1456 | NITUB - a scientific emerging network. | Oral 10 mins | 3 | Prof Altaf Hussain | 359 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 1564 | Crystallography in the developing world: Experiences in Africa and beyond | Oral 10 mins | 4 | Ms Suzanna Clare Ward | 178 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 1638 | Brazilian Synchrotron Light Laboratory. History and scientific challenges for crystallographers | Oral 10 mins | 5 | Prof Aldo Felix Craievich | 1002 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 1945 | The Indo-Italian cooperation at the Elettra Synchrotron Radiation Facility | Oral 10 mins | 6 | Dr Andrea Lausi | 2088 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 715 | Crystal growth competition, a key for crystallography emergence in Benin | Oral 10 mins | 7 | Ms Marielle Yasmine Agbahoungbata | 727 |

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| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 1936 | Lightsources for Africa, the Americas and Middle East Project (LAAMP) | Oral 10 mins | 8 | Prof Sandro Scandolo | 1583 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 225 | Graphene based inkjet-printable electrodes for Dye sensitized solar cells | Oral 10 mins | 9 | Dr David Doodoo-Arhin | 535 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 649 | Novel Porous Supramolecular Networks : Synthesis, characterization and Sorption Properties | Oral 10 mins | 10 | Dr Patrice Kenfack Tsobnang | 821 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 1702 | X-ray structure characterization of metal-benzoic acid organic complexes | Oral 10 mins | 11 | Mr Rishad Kunafiev | 981 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 1953 | Study of properties of Cambodian clays by X-ray diffraction technique | Oral 10 mins | 12 | Dr Kim Ngun Bun | 2104 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 1412 | Chemical speciation of drinking water in Nuwaragampalatha. | Oral 5 Mins | 13 | Ms Dinesha Hansamali Perera | 1637 |
| 26-08-2017 | 1030-1305 | MR 2.02 | Special Activities | MS-080: Emerging science in the emerging world | 997 | How to boost the teaching of crystallography in emerging countries? | Oral 10 mins | 14 | Prof Tonle Kenfack Ignas | 435 |
| 26-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-090: Spectroscopy applications in biologically relevant systems | | | CHAIR | 0 | Bhoopesh Mishra | 53 |
| 26-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-090: Spectroscopy applications in biologically relevant systems | | | CHAIR | 0 | Sofia Diaz-Moreno | 2014 |
| 26-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-090: Spectroscopy applications in biologically relevant systems | 1003 | Synchrotron Spectroscopy and Imaging in Unraveling Bacterial Surface Metal Interactions | Oral 30 mins | 1 | Prof Satish Myneni | 1343 |
| 26-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-090: Spectroscopy applications in biologically relevant systems | 886 | Post-translation tyrosine phosphorylation switches Cytochrome c dynamics. | Oral 30 mins | 2 | Prof Antonio J Diaz Quintana | 374 |
| 26-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-090: Spectroscopy applications in biologically relevant systems | 1890 | Spectroscopy Applications in Biologically Relevant Systems | Oral 30 mins | 3 | Dr Ritimukta Sarangi | 1996 |

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| 26-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-090: Spectroscopy applications in biologically relevant systems | 1445 | Time-Resolved Structural Biology Benefits from Complementary Methods | Oral 30 mins | 4 | Dr Allen Milster Orville | 1570 |
| 26-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-090: Spectroscopy applications in biologically relevant systems | 581 | Picosecond to Microsecond TR-XAS: Intermediates in the photolysis of MethylCobalamin | Oral 15 mins | 5 | Dr Ganesh Subramanian | 1001 |
| 26-08-2017 | 1455-1730 | MR 2.03-2.04 | Biological Macromolecules (Function) | MS-090: Spectroscopy applications in biologically relevant systems | 680 | XAS structural insights into Cu binding with amyloid Aβ4-y peptides | Oral 15 mins | 6 | Ms Ruwini Supeshala Kumari Ekanayake | 1083 |
| 26-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-082: Techniques and insights into macromolecular crystallization | | | CHAIR | 0 | Anna Schenk | 2018 |
| 26-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-082: Techniques and insights into macromolecular crystallization | | | CHAIR | 0 | Abel Moreno | 1831 |
| 26-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-082: Techniques and insights into macromolecular crystallization | 1693 | Crystal growth of inorganic, organic, and biological macromolecules in gels | Oral 30 mins | 1 | Dr Maria J. Rosales-Hoz | 1841 |
| 26-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-082: Techniques and insights into macromolecular crystallization | 453 | Enhancing the success of crystallization: strategies and techniques | Oral 30 mins | 2 | Dr Lata Govada | 851 |
| 26-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-082: Techniques and insights into macromolecular crystallization | 176 | Overcoming two major chokepoints of protein crystallography with lanthanide complexes. | Oral 30 mins | 3 | Dr François Riobé | 331 |
| 26-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-082: Techniques and insights into macromolecular crystallization | 652 | A new crystallization plate for efficient protein crystallization | Oral 30 mins | 4 | Prof Da-Chuan Yin | 1071 |
| 26-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-082: Techniques and insights into macromolecular crystallization | 456 | Microseed matrix-screening for crystallization: theory, practice and a new technique | Oral 15 mins | 5 | Mr Patrick Douglas Shaw Stewart | 853 |
| 26-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-082: Techniques and insights into macromolecular crystallization | 451 | Design and application of crystallization aids comprising DARPIn domains. | Oral 15 mins | 6 | Dr Peer Mittl | 179 |

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| 26-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-083: Polyoxometalates as building blocks for functional materials | | | CHAIR | 0 | Soumyajit Roy | 1512 |
| 26-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-083: Polyoxometalates as building blocks for functional materials | 1597 | Ligand-induced Self-Assembly of Polyoxometalates | Oral 30 mins | 1 | Prof Bernold Hasenknopf | 1750 |
| 26-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-083: Polyoxometalates as building blocks for functional materials | 1625 | Polyoxometalate Based Metal-organic Framework | Oral 30 mins | 2 | Prof Chunying Duan | 1603 |
| 26-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-083: Polyoxometalates as building blocks for functional materials | 541 | Electronically wired polyoxometalate-based networks in the crystalline states | Oral 30 mins | 3 | Dr Ryo Tsunashima | 960 |
| 26-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-083: Polyoxometalates as building blocks for functional materials | 65 | Supramolecular Chemistry of Polyoxometalates: from Small Clusters to Giant Keplerates | Oral 30 mins | 4 | Prof Samar Das | 247 |
| 26-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-083: Polyoxometalates as building blocks for functional materials | 1980 | Hybrid polyoxometalates as multifunctional materials, photoresists, green catalyst and antioxidants | Oral 15 mins | 5 | Dr Pradeep Chullikkattil Parameswaran | 2146 |
| 26-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-083: Polyoxometalates as building blocks for functional materials | 829 | EXPLORATION OF SOFT OXOMETALATES IN PATTERNING AND ALLIED STUDIES | Oral 15 mins | 6 | Ms Preethi Thomas | 1213 |
| 26-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-084: Soft organic and inorganic materials: Gelation and crystallization | | | CHAIR | 0 | Cheng-Yong Su | 958 |
| 26-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-084: Soft organic and inorganic materials: Gelation and crystallization | | | CHAIR | 0 | Parthasarathi Dastidar | 519 |
| 26-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-084: Soft organic and inorganic materials: Gelation and crystallization | 1293 | Phenylalanine gelation and its dynamics studied through crystal structure analysis. | Oral 30 mins | 1 | Dr Gareth Owen Lloyd | 1566 |

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| 26-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-084: Soft organic and inorganic materials: Gelation and crystallization | 260 | Pincer Molecular Metallogels: A New Platform for Visual Recognition | Oral 30 mins | 2 | Prof Tao Tu | 541 |
| 26-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-084: Soft organic and inorganic materials: Gelation and crystallization | 1225 | Fluorescent Vesicles Based on Aggregation Induced Emission Compound | Oral 30 mins | 3 | Prof Yun Yan | 1466 |
| 26-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-084: Soft organic and inorganic materials: Gelation and crystallization | 170 | An Easy Access to Supramolecular Gels of Tolfenamic Acid | Oral 30 mins | 4 | Ms Rumana Parveen | 480 |
| 26-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-084: Soft organic and inorganic materials: Gelation and crystallization | 312 | Low-molecular-weight amino-acid-based derivatives: from organogels to single crystals and mesocrystals | Oral 15 mins | 5 | Dr Florencia Di Salvo | 561 |
| 26-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-084: Soft organic and inorganic materials: Gelation and crystallization | 867 | Fluorescent Zwitterionic Spirocyclic Meisenheimer Complex: X-Ray Structure and Function | Oral 15 mins | 6 | Mr Tanmay Das | 1243 |
| 26-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-085: Dynamic phenomena and material functionality from inelastic x-ray scattering | | | CHAIR | 0 | Yoshiharu Sakurai | 804 |
| 26-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-085: Dynamic phenomena and material functionality from inelastic x-ray scattering | | | CHAIR | 0 | Eiji Nishibori | 1315 |
| 26-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-085: Dynamic phenomena and material functionality from inelastic x-ray scattering | 1972 | Inelastic X-Ray Scattering as a Unique Probe of Complex Materials | Oral 30 mins | 1 | Prof Arun Bansil | 2130 |
| 26-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-085: Dynamic phenomena and material functionality from inelastic x-ray scattering | 1317 | Iron(III, IV, V)-oxo complexes studied by nuclear resonance vibrational spectroscopy | Oral 30 mins | 2 | Dr Yisong Guo | 1582 |
| 26-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-085: Dynamic phenomena and material functionality from inelastic x-ray scattering | 396 | Magnetization switching behavior for CoFeB/MgO and CoFeB/Ta multilayer films | Oral 30 mins | 3 | Prof Hiroshi Sakurai | 804 |
| 26-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-085: Dynamic phenomena and material functionality from inelastic x-ray scattering | 1622 | Determination of proton conduction in olivine and hydrogarnet | Oral 30 mins | 4 | Mr Sarath Patabendi Gedara | 1770 |

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| 26-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-085: Dynamic phenomena and material functionality from inelastic x-ray scattering | 48 | Electronic Structure of Oxide Electrode Materials studied by Compton Profiles | Oral 30 mins | 5 | Dr Kosuke Suzuki | 147 |
| 26-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-086: Accurate high resolution diffraction studies at high pressure | | | CHAIR | 0 | Krzysztof Wozniak | 787 |
| 26-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-086: Accurate high resolution diffraction studies at high pressure | | | CHAIR | 0 | Nicola Casati | 2075 |
| 26-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-086: Accurate high resolution diffraction studies at high pressure | 373 | Novel nitrogen-rich iron nitrides synthesized at high-pressure high-temperature conditions | Oral 30 mins | 1 | Dr Maxim Bykov | 788 |
| 26-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-086: Accurate high resolution diffraction studies at high pressure | 1187 | Accurate structures of diamond under high- pressure and temperature. | Oral 30 mins | 2 | Ms Yuuka Deguchi | 1354 |
| 26-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-086: Accurate high resolution diffraction studies at high pressure | 1395 | High-pressure studies for understanding mechanical effects on chemical reactions | Oral 30 mins | 3 | Dr Boris Zakharov | 1385 |
| 26-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-086: Accurate high resolution diffraction studies at high pressure | 1684 | In-situ stability of carbonates in presence of mantle phases | Oral 30 mins | 4 | Dr Karen Appel | 1599 |
| 26-08-2017 | 1455-1730 | MR 1.05 | Instrumentation techniques and/or Computation | MS-086: Accurate high resolution diffraction studies at high pressure | 1944 | THE HIGH PRESSURE DIFFRACTION BEAMLIN "XPRESS" AT ELETTRA | Oral 30 mins | 5 | Dr Andrea Lausi | 2088 |
| 26-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-088: Hybrid perovskites | | | CHAIR | 0 | Roberto Mosca | 1995 |
| 26-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-088: Hybrid perovskites | 1229 | Hybrid Perovskite Crystals: Surface Restructuring under Humid Ambient | Oral 30 mins | 1 | Dr Murali Banavoth | 1530 |
| 26-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-088: Hybrid perovskites | 1038 | Photoluminescence in lead halide perovskites and the role of defects | Oral 30 mins | 2 | Dr Ajay Ram Srimath Kandada | 1376 |
| 26-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-088: Hybrid perovskites | 415 | Structure, optical studies of 2D hybrid perovskite for photovoltaic applications | Oral 30 mins | 3 | Dr Seham Kamal Abdel-Aal | 806 |
| 26-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-088: Hybrid perovskites | 1771 | Local structure of lead halide perovskites for photovoltaic applications | Oral 30 mins | 4 | Ms Jiaxun Liu | 1900 |
| 26-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-088: Hybrid perovskites | 1329 | Nucleation and self-assembly of CsPbX3 Perovskite Nanocrystals | Oral 30 mins | 5 | Mr Sudipta Seth | 1591 |

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| 26-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-089: Chemistry and physics of modulated and composite crystals | | | CHAIR | 0 | Thomas Doert | 437 |
| 26-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-089: Chemistry and physics of modulated and composite crystals | 398 | Dynamic studies of incommensurate materials | Oral 30 mins | 1 | Prof Sven Lidin | 588 |
| 26-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-089: Chemistry and physics of modulated and composite crystals | 1992 | Transitions toward complex electronic states and superperiodic structures in MPTBp | Oral 30 mins | 2 | Dr Olivier Pérez | 2171 |
| 26-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-089: Chemistry and physics of modulated and composite crystals | 1371 | Mullite - Towards a unified superspace model | Oral 30 mins | 3 | Mr Paul Benjamin Klar | 54 |
| 26-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-089: Chemistry and physics of modulated and composite crystals | 1418 | Phase transitions and crystal structures of η'' -Cu(3+x)Si and η''' -Cu(3+x)Si | Oral 30 mins | 4 | Ms Cinthia Antunes Correa | 1628 |
| 26-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-089: Chemistry and physics of modulated and composite crystals | 1278 | Modulated and high Z' phases in Λ -Cobalt(III) sepulchrate trinitrate | Oral 15 mins | 5 | Dr Somnath Dey | 1519 |
| 26-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-089: Chemistry and physics of modulated and composite crystals | 883 | The Auln 1:1 phase and its siblings | Oral 15 mins | 6 | Ms Laura Folkers | 1215 |
| 26-08-2017 | 1455-1730 | MR 1.06 | Special Activities | MS-087: How does crystallography help you in your career? | | | CHAIR | 0 | Ashwini Nangia | 297 |
| 26-08-2017 | 1455-1730 | MR 1.06 | Special Activities | MS-087: How does crystallography help you in your career? | | | CHAIR | 0 | Soorya N | 991 |
| 26-08-2017 | 1455-1730 | MR 1.06 | Special Activities | MS-087: How does crystallography help you in your career? | 1995 | Important Role of Crystallography in Pharmaceutical Development | Oral 30 mins | 1 | Dr Sudhir Nambiar | 2172 |
| 26-08-2017 | 1455-1730 | MR 1.06 | Special Activities | MS-087: How does crystallography help you in your career? | 1856 | Crystal Engineering for Career Opportunities in Pharmaceutical Research Innovation | Oral 30 mins | 2 | Prof Anant Paradkar | 1976 |
| 26-08-2017 | 1455-1730 | MR 1.06 | Special Activities | MS-087: How does crystallography help you in your career? | 647 | A view from a Latin American Crystallography Laboratory | Oral 30 mins | 3 | Prof José Miguel Delgado | 989 |
| 26-08-2017 | 1455-1730 | MR 1.06 | Special Activities | MS-087: How does crystallography help you in your career? | 2062 | Crystallography in the globes largest chemical company | Oral 30 mins | 4 | Dr Martin Viertelhaus | 2315 |

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| 26-08-2017 | 1455-1730 | MR 1.06 | Special Activities | MS-087: How does crystallography help you in your career? | 569 | Celebrating 75 years of the Powder Diffraction File™ | Oral 30 mins | 5 | Dr Soorya N Kabekkodu | 991 |
| 27-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-091: Expression of macromolecular complexes | | | CHAIR | 0 | Areej Abuhammad | 1265 |
| 27-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-091: Expression of macromolecular complexes | 328 | Streamlining protein complex production using multiprotein expression technologies | Oral 30 mins | 1 | Dr Yan Nie | 496 |
| 27-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-091: Expression of macromolecular complexes | 1093 | Versatile medium-throughput strategies for recombinant expression screening in structural biology | Oral 30 mins | 2 | Dr Federico Forneris | 761 |
| 27-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-091: Expression of macromolecular complexes | 335 | Expanding the Toolbox: Recent Advances in Multiprotein Expression Systems. | Oral 30 mins | 3 | Dr Kapil Kumar Gupta | 738 |
| 27-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-091: Expression of macromolecular complexes | 333 | In vivo selective deuteration of complex biological systems | Oral 30 mins | 4 | Mr Benjamin Brocco | 528 |
| 27-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-091: Expression of macromolecular complexes | 1062 | The GM-CSF Receptor - Mechanisms for Affinity Conversion and Signalling | Oral 15 mins | 5 | Dr Sophie Elizabeth Broughton | 1394 |
| 27-08-2017 | 1030-1305 | Hall 4 | Biological Macromolecules (Structure) | MS-091: Expression of macromolecular complexes | 1161 | Structure of 3-nitrotoluene dioxygenase from diaphorobacter sp. strain DS2 | Oral 15 mins | 6 | Prof Gurunath Ramanathan | 1467 |
| 27-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-092: Bio-compatible porous materials for drug delivery | | | CHAIR | 0 | Paolo Falcaro | 1822 |
| 27-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-092: Bio-compatible porous materials for drug delivery | | | CHAIR | 0 | Alessia Bacchi | 1194 |
| 27-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-092: Bio-compatible porous materials for drug delivery | 749 | Chitosan-engineered Metal-Organic Frameworks as oral drug nanocarriers | Oral 30 mins | 1 | Dr Patricia Horcajada | 1144 |
| 27-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-092: Bio-compatible porous materials for drug delivery | 119 | The chemistry of δ ¹ metal-organic framework nanoparticles | Oral 30 mins | 2 | Dr Stefan Wuttke | 399 |
| 27-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-092: Bio-compatible porous materials for drug delivery | 408 | ENCAPSULATION OF DIPHTHERIA ANATOXIN INTO ORDERED MESOPOROUS SILICA | Oral 30 mins | 3 | Prof Marcia Carvalho De Abreu Fantini | 234 |

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| 27-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-092: Bio-compatible porous materials for drug delivery | 1468 | Structural model of Cowlesite by fast electron diffraction tomography | Oral 30 mins | 4 | Dr Mauro Gemmi | 1673 |
| 27-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-092: Bio-compatible porous materials for drug delivery | 864 | Biodegradable containers based on nanostructured polycrystals obtained by controlled crystallization | Oral 15 mins | 5 | Ms Daria Trushina | 1247 |
| 27-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-092: Bio-compatible porous materials for drug delivery | 168 | Multifunctional Single-layered Vesicles Derived from Cu(II)-Metal-Organic-Polyhedra | Oral 15 mins | 6 | Mr Koushik Sarkar | 490 |
| 27-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-093: Halogen bonding in crystal engineering | | | CHAIR | 0 | Kari Rissanen | 89 |
| 27-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-093: Halogen bonding in crystal engineering | | | CHAIR | 0 | Pierangelo Metrangolo | 1044 |
| 27-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-093: Halogen bonding in crystal engineering | 436 | Trifluoromethyl groups as halogen bond donors: the effect of group-polarizability | Oral 30 mins | 1 | Prof Catharine Esterhuysen | 841 |
| 27-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-093: Halogen bonding in crystal engineering | 1562 | Directed Reactivity in Halogen-Bonded Cocrystals | Oral 30 mins | 2 | Prof Leonard Richard MacGillivray | 1690 |
| 27-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-093: Halogen bonding in crystal engineering | 66 | Crystal Engineering pi-ways for Enhanced Charge Transport | Oral 30 mins | 3 | Dr Mahesh Hariharan | 253 |
| 27-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-093: Halogen bonding in crystal engineering | 318 | "Organic fluorine" in stabilizing crystal structures: Does it matter? | Oral 30 mins | 4 | Dr Angshuman Roychoudhury | 716 |
| 27-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-093: Halogen bonding in crystal engineering | 776 | Ion pair interactions in noble metal complexes with halogen atoms | Oral 30 mins | 5 | Prof Luciano Marchio' | 914 |

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| 27-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-094: Phase-plates : Improving resolution in CryoEM | | | CHAIR | 0 | Bart Buijsse | 2070 |
| 27-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-094: Phase-plates : Improving resolution in CryoEM | 709 | 3.9Å phase plate cryo-EM reconstruction of the nucleosome core particle | Oral 30 mins | 1 | Dr Eugene Yue Dao Chua | 1117 |
| 27-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-094: Phase-plates : Improving resolution in CryoEM | 1142 | GPCR activation: An intertwined history of crystallography and EM | Oral 30 mins | 2 | Dr Mazdak Radjainia | 1448 |
| 27-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-094: Phase-plates : Improving resolution in CryoEM | 1963 | Spotiton: A new method for vitrifying samples for cryoEM | Oral 30 mins | 3 | Dr Venkata Prasad Dandey | 2108 |
| 27-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-094: Phase-plates : Improving resolution in CryoEM | 1815 | The structure of the cyanide dihydratase (CynD) from Bacillus pumilus | Oral 30 mins | 4 | Prof Bryan Trevor Sewell | 1502 |
| 27-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-094: Phase-plates : Improving resolution in CryoEM | 1432 | Single Particle Cryo-EM of Macromolecular Complexes at Near-atomic Resolution. | Oral 30 mins | 5 | Mr Eugene B. Pichkur | 1643 |
| 27-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-096: XAFS of materials for clean energy | | | CHAIR | 0 | Steve M. Heald | 937 |
| 27-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-096: XAFS of materials for clean energy | 574 | -ray Absorption Spectroscopy Applied to Solar Absorbers | Oral 30 mins | 1 | Prof Michael F Toney | 996 |
| 27-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-096: XAFS of materials for clean energy | 334 | A SPring-8 New Beam Line for the Fuel Cell Analysis | Oral 30 mins | 2 | Prof Kiyotaka Asakura | 736 |
| 27-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-096: XAFS of materials for clean energy | 1753 | Operando XAS studies on catalysts for energy related processes | Oral 30 mins | 3 | Dr Henning Lichtenberg | 1303 |
| 27-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-096: XAFS of materials for clean energy | 331 | Element specific channels in photo-excitation of V-doped TiO2 nanoparticles | Oral 30 mins | 4 | Mr Giacomo Rossi | 439 |
| 27-08-2017 | 1030-1305 | MR 1.06 | Instrumentation techniques and/or Computation | MS-096: XAFS of materials for clean energy | 1104 | Changes in local electronic structure on the Si/TiO2/Fe2O3 photo-catalysts | Oral 30 mins | 5 | Mr Anurag Kawde | 1435 |

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| 27-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-097: Functional magnetic materials | | | CHAIR | 0 | Daniel Shoemaker | 1823 |
| 27-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-097: Functional magnetic materials | 499 | Using polyhedral distortions to understand structure-property behaviour. | Oral 30 mins | 1 | Dr James Cumby | 909 |
| 27-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-097: Functional magnetic materials | 167 | Heavy Metal: Magneto-Structural Relationships in Ir and Os Oxides. | Oral 30 mins | 2 | Prof Brendan James Kennedy | 489 |
| 27-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-097: Functional magnetic materials | 1502 | Magnetic, magnetostructural and magnetoelectric properties of cobalt-based oxides | Oral 30 mins | 3 | Prof Jose Luis Garcia-Muñoz | 1506 |
| 27-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-097: Functional magnetic materials | 547 | Unusual magnetic ordered metallic state in EuNiO3 under pressure | Oral 30 mins | 4 | Prof Hisao Kobayashi | 962 |
| 27-08-2017 | 1030-1305 | MR 2.01 | Materials and Minerals | MS-097: Functional magnetic materials | 1736 | Swinging Symmetry, Structural Phase Transitions and Physical Properties of RETGa3 | Oral 30 mins | 5 | Prof Sebastian Chirambatte Peter | 1877 |
| 27-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-098: Recent advances in quasicrystal research | | | CHAIR | 0 | Katariina Pussi | 728 |
| 27-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-098: Recent advances in quasicrystal research | | | CHAIR | 0 | Yasushi Ishii | 2071 |
| 27-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-098: Recent advances in quasicrystal research | 424 | Canonical-cell approach to icosahedral quasicrystals and their approximants | Oral 30 mins | 1 | Dr Nobuhisa Fujita | 831 |
| 27-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-098: Recent advances in quasicrystal research | 1357 | Lattice dynamics of the complex metallic alloys o-Al13Co4 | Oral 30 mins | 2 | Dr Marc De Boissieu | 1608 |
| 27-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-098: Recent advances in quasicrystal research | 534 | Simple particles, complex structures | Oral 30 mins | 3 | Dr Julia Dshemuchadse | 945 |
| 27-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-098: Recent advances in quasicrystal research | 509 | Templated Quasicrystalline Thin Film of Molecules: Recent Extended Study | Oral 30 mins | 4 | Dr Hem Raj Sharma | 920 |
| 27-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-098: Recent advances in quasicrystal research | 1709 | Atomic structures of the Sc-Zn and R-Cd icosahedral quasicrystals | Oral 15 mins | 5 | Dr Tsunetomo Yamada | 1849 |
| 27-08-2017 | 1030-1305 | MR 2.02 | Physical and/or Fundamental | MS-098: Recent advances in quasicrystal research | 1920 | γ -brass related complex phases in Rh-Cd binary system | Oral 15 mins | 6 | Dr Partha Pratim Jana | 2024 |

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| 27-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-095: Crystallography for Space Sciences | | | CHAIR | 0 | Juan Manuel Garcia Ruiz | 2042 |
| 27-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-095: Crystallography for Space Sciences | 578 | Mineralogical Results from the Mars Science Laboratory Rover Curiosity | Oral 30 mins | 1 | Dr David Frederick Blake | 999 |
| 27-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-095: Crystallography for Space Sciences | 1433 | Mineralogy and crystallography of return samples from primitive asteroids | Oral 30 mins | 2 | Prof Tomoki Nakamura | 1655 |
| 27-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-095: Crystallography for Space Sciences | 229 | Prospects for organic minerals on Saturn's moon Titan | Oral 15 mins | 3 | Dr Helen Elizabeth Maynard-Casely | 514 |
| 27-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-095: Crystallography for Space Sciences | 1287 | Early stages of grain formation studied by microgravity experiments | Oral 15 mins | 4 | Prof Yuki Kimura | 1446 |
| 27-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-095: Crystallography for Space Sciences | 530 | Ordering phenomena in minerals: the Verwey phase of natural magnetite | Oral 15 mins | 5 | Ms Giuditta Perversi | 924 |
| 27-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-099: Crystallographic data and structure validation from data collection to publication - IUCr setting standards | | | CHAIR | 0 | Wladek Minor | 1844 |
| 27-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-099: Crystallographic data and structure validation from data collection to publication - IUCr setting standards | | | CHAIR | 0 | Anthony Linden | 96 |
| 27-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-099: Crystallographic data and structure validation from data collection to publication - IUCr setting standards | 469 | What makes a structure report valid? | Oral 30 mins | 1 | Prof Anthony Louis Spek | 100 |
| 27-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-099: Crystallographic data and structure validation from data collection to publication - IUCr setting standards | 496 | Towards Archiving Raw Diffraction Images for Validating Crystal Structures. | Oral 30 mins | 2 | Dr Loes M.J. Kroon-Batenburg | 398 |
| 27-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-099: Crystallographic data and structure validation from data collection to publication - IUCr setting standards | 285 | Frauds in small molecule crystallography | Oral 30 mins | 3 | Prof James Simpson | 677 |

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| 27-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-099: Crystallographic data and structure validation from data collection to publication - IUCr setting standards | 154 | DFT-D and the validation of crystal structures from XRPD | Oral 30 mins | 4 | Dr Cornelis Jan Van De Streek | 460 |
| 27-08-2017 | 1030-1305 | MR 2.03-2.04 | Special Activities | MS-099: Crystallographic data and structure validation from data collection to publication - IUCr setting standards | 949 | wwPDB OneDep Validation Services | Oral 30 mins | 5 | Dr John Westbrook | 805 |
| 27-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-100: Structure determination of biological macromolecule complexes by Cryo-EM | | | CHAIR | 0 | Edward N. Baker | 303 |
| 27-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-100: Structure determination of biological macromolecule complexes by Cryo-EM | | | CHAIR | 0 | Yifan Cheng | 2152 |
| 27-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-100: Structure determination of biological macromolecule complexes by Cryo-EM | 359 | CryoEM Structure of Dynammin-like MxB in Assembly | Oral 30 mins | 1 | Prof Peijun Zhang | 771 |
| 27-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-100: Structure determination of biological macromolecule complexes by Cryo-EM | 319 | Revealing the atomic-level organization of a bacterial microinjection nanodevice | Oral 30 mins | 2 | Prof Alok K. Mitra | 717 |
| 27-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-100: Structure determination of biological macromolecule complexes by Cryo-EM | 1955 | Structural basis of protein translocation by the Vps4-Vta1 AAA ATPase | Oral 30 mins | 3 | Dr Christopher Hill | 2107 |
| 27-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-100: Structure determination of biological macromolecule complexes by Cryo-EM | 128 | Model-building using cryo-EM and crystallographic maps | Oral 30 mins | 4 | Dr Thomas Terwilliger | 109 |
| 27-08-2017 | 1455-1730 | Hall 4 | Biological Macromolecules (Structure) | MS-100: Structure determination of biological macromolecule complexes by Cryo-EM | 1155 | Structure of Elongation Factor 4 Bound to the Ribosome | Oral 30 mins | 5 | Dr Veerendra Kumar | 159 |

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| 27-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-101: Porous framework materials for sensing | | | CHAIR | 0 | Stuart Batten | 1855 |
| 27-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-101: Porous framework materials for sensing | | | CHAIR | 0 | Hai-Long Jiang | 498 |
| 27-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-101: Porous framework materials for sensing | 249 | Metal-organic Frameworks (MOFs) for Sensing Applications | Oral 30 mins | 1 | Dr Sujit K. Ghosh | 618 |
| 27-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-101: Porous framework materials for sensing | 404 | Understanding selective Cu ²⁺ detection by Ln ³⁺ complexes through crystallography | Oral 30 mins | 2 | Mr Soumyabrata Roy | 807 |
| 27-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-101: Porous framework materials for sensing | 2006 | Unique Porous Frameworks as Luminescent Probes | Oral 30 mins | 3 | Prof Bin Zhao | 2190 |
| 27-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-101: Porous framework materials for sensing | 859 | Porous gel materials assembled from small molecules | Oral 30 mins | 4 | Dr Jianyong Zhang | 958 |
| 27-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-101: Porous framework materials for sensing | 51 | MULTIFUNCTIONAL MATERIALS FOR SENSING OF METAL IONS AND SMALL MOLECULES | Oral 15 mins | 5 | Prof Sanjay K Mandal | 173 |
| 27-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-101: Porous framework materials for sensing | 1023 | Water-Stable MOF for Recognition and Sequestration of Oxoanion Pollutants | Oral 15 mins | 6 | Mr Aamod Vikas Desai | 558 |
| 27-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-102: Halogen bonding at the interface between small molecules and macromolecules | | | CHAIR | 0 | José A. Gavira | 694 |
| 27-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-102: Halogen bonding at the interface between small molecules and macromolecules | | | CHAIR | 0 | Kana Sureshan | 980 |
| 27-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-102: Halogen bonding at the interface between small molecules and macromolecules | 626 | Halogenation as a new tool to control peptide self-assembly | Oral 30 mins | 1 | Prof Pierangelo Metrangolo | 1044 |

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| 27-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-102: Halogen bonding at the interface between small molecules and macromolecules | 1167 | Halogen Bond Driven Encapsulation of Tetrahalomethanes within a Supramolecular Host | Oral 30 mins | 2 | Dr Anssi Peuronen | 1478 |
| 27-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-102: Halogen bonding at the interface between small molecules and macromolecules | 1061 | Halogenated Anthrapyrazolone derivatives regulate JNK signals in inflammation | Oral 30 mins | 3 | Prof Tayur Guru Row | 494 |
| 27-08-2017 | 1455-1730 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-102: Halogen bonding at the interface between small molecules and macromolecules | 596 | Halogen Bonded Capsules | Oral 30 mins | 4 | Prof Kari Rissanen | 89 |
| 27-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-103: Methods for characterizing commensurate and incommensurate magnetic structures | | | CHAIR | 0 | Margarida S. Henriques | 2007 |
| 27-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-103: Methods for characterizing commensurate and incommensurate magnetic structures | | | CHAIR | 0 | Francoise Damay | 1252 |
| 27-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-103: Methods for characterizing commensurate and incommensurate magnetic structures | 817 | Conventional and unconventional studies of magnetic structures with x-rays | Oral 30 mins | 1 | Prof Stephen Patrick Collins | 1204 |
| 27-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-103: Methods for characterizing commensurate and incommensurate magnetic structures | 844 | Striped Magnetic Ground State on an Ideal S=2 Kagomé Lattice | Oral 30 mins | 2 | Prof Chris D Ling | 1231 |
| 27-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-103: Methods for characterizing commensurate and incommensurate magnetic structures | 851 | Orbital ordering and structural distortions in vanadium spinels | Oral 30 mins | 3 | Mr Alexander J. Browne | 1234 |
| 27-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-103: Methods for characterizing commensurate and incommensurate magnetic structures | 1477 | Structure property relationships in magnetocaloric materials | Oral 30 mins | 4 | Dr Karen Friese | 1678 |

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| 27-08-2017 | 1455-1730 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-103: Methods for characterizing commensurate and incommensurate magnetic structures | 1055 | Helical magnetic structure in cubic chiral crystal Pr ₅ Ru ₃ Al ₂ | Oral 30 mins | 5 | Dr Daisuke Okuyama | 1355 |
| 27-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-105: New instrumental developments for electron crystallography | | | CHAIR | 0 | Fu-Rong Chen | 2396 |
| 27-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-105: New instrumental developments for electron crystallography | | | CHAIR | 0 | Pete Nellist | 1269 |
| 27-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-105: New instrumental developments for electron crystallography | 1795 | Optimization of Automated electron Diffraction Tomography for challenging applications | Oral 30 mins | 1 | Prof Ute Kolb | 1929 |
| 27-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-105: New instrumental developments for electron crystallography | 1427 | Electron Ptychographic Phase Imaging Using Fast Pixelated Detectors | Oral 30 mins | 2 | Dr Hao Yang | 1650 |
| 27-08-2017 | 1455-1730 | MR 1.06 | Instrumentation techniques and/or Computation | MS-105: New instrumental developments for electron crystallography | 1630 | A new electron-counting detector for electron diffraction | Oral 30 mins | 3 | Dr Clemens Schulze-Briese | 1369 |
| 27-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-106: Functional materials on the nanoscale | | | CHAIR | 0 | Gregory Warr | 2077 |
| 27-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-106: Functional materials on the nanoscale | | | CHAIR | 0 | U. S. Jeng | 1825 |
| 27-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-106: Functional materials on the nanoscale | 1126 | Nanostructures from Self-Assembled Block Copolymer/Nanoparticle Mixtures | Oral 30 mins | 1 | Prof Bhanu Nandan | 1444 |
| 27-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-106: Functional materials on the nanoscale | 1604 | Probing the pathways of nanoscale self-assembly | Oral 30 mins | 2 | Dr Theyencheri Narayanan | 1755 |
| 27-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-106: Functional materials on the nanoscale | 1987 | Structure and Dynamics of Conjugated Polymers from Scattering and Simulations | Oral 30 mins | 3 | Prof Lilo Danielle Pozzo | 2162 |
| 27-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-106: Functional materials on the nanoscale | 913 | Nanostructures in GeTe-rich materials: substitution, defects, thermoelectricity | Oral 15 mins | 4 | Prof Oliver Oeckler | 1282 |

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| 27-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-106: Functional materials on the nanoscale | 164 | Nano scale structural analyses on Turkey/Taiwan originated spiders' cocoons | Oral 15 mins | 5 | Prof Semra Ide | 482 |
| 27-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-106: Functional materials on the nanoscale | 1265 | Inorganic Super-Fullerenes: Remarkable Versatility For Nano-confined Functionalization | Oral 15 mins | 6 | Dr Somenath Garai | 1553 |
| 27-08-2017 | 1455-1730 | MR 2.01 | Materials and Minerals | MS-106: Functional materials on the nanoscale | 169 | Imaging of Nanoscale Molecular Order in the Cybotactic Nematic Phase | Oral 15 mins | 7 | Dr Venkatesh Gude | 209 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Materials and Minerals | MS-108: Charge and spin density in molecular and supramolecular magnets | | | CHAIR | 0 | Claude Lecomte | 667 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Materials and Minerals | MS-108: Charge and spin density in molecular and supramolecular magnets | 516 | joint-refinement of spin and charge densities of organic radicals: | Oral 30 mins | 1 | Prof Mohamed Souhassou | 653 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Materials and Minerals | MS-108: Charge and spin density in molecular and supramolecular magnets | 720 | Charge density and magnetic anisotropy of Dy-based single molecule magnet | Oral 30 mins | 2 | Dr Jacob Overgaard | 1128 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Materials and Minerals | MS-108: Charge and spin density in molecular and supramolecular magnets | 1390 | Charge and Spin Density Study of Ni(III) dithiolate complex | Oral 30 mins | 3 | Dr Jozef Kozisek | 1363 |
| 27-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-104: Synchrotron measurement in conservation and cultural heritage | | | CHAIR | 0 | Eric Dooryh e | 1701 |
| 27-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-104: Synchrotron measurement in conservation and cultural heritage | 733 | Synchrotron-based micro-analyses of artistic materials at ID21, ESRF | Oral 30 mins | 1 | Dr Marine Cotte | 1142 |
| 27-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-104: Synchrotron measurement in conservation and cultural heritage | 543 | Deciphering Ceramic Workshops Practices in Classical Athens | Oral 30 mins | 2 | Dr Apurva Mehta | 894 |
| 27-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-104: Synchrotron measurement in conservation and cultural heritage | 1413 | μ XRD for the identification of pigments in cross-sections of paintings | Oral 30 mins | 3 | Dr Bernadette Fruehmann | 1576 |
| 27-08-2017 | 1455-1730 | MR 1.05 | Special Activities | MS-104: Synchrotron measurement in conservation and cultural heritage | 1393 | Using neutron tomography to examine guitar strings | Oral 30 mins | 4 | Dr Alison Jeanine Edwards | 1186 |

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| 27-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-107: Robust programming for CIF, NeXus, and related file structures | | | CHAIR | 0 | John Bollinger | 563 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-107: Robust programming for CIF, NeXus, and related file structures | 1768 | Driving universal data format input and translation using CIF dictionaries | Oral 30 mins | 1 | Dr James Reginald Hester | 1121 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-107: Robust programming for CIF, NeXus, and related file structures | 906 | Maintaining and obtaining maximum value from a CIF publication archive | Oral 30 mins | 2 | Mr Brian McMahon | 1283 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-107: Robust programming for CIF, NeXus, and related file structures | 633 | CIF1 to CIF2: Lessons learned in the development of Jmol | Oral 30 mins | 3 | Prof Robert Mark Hanson | 678 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-107: Robust programming for CIF, NeXus, and related file structures | 962 | PDBx/mmCIF: The Foundation for the wwPDB OneDep System | Oral 30 mins | 4 | Dr John Westbrook | 805 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-107: Robust programming for CIF, NeXus, and related file structures | 1314 | Fast and flexible CIF processing with the CIF API | Oral 15 mins | 5 | Dr John C. Bollinger | 563 |
| 27-08-2017 | 1455-1730 | MR 2.02 | Special Activities | MS-107: Robust programming for CIF, NeXus, and related file structures | 902 | Software for Processing High-Data-Rate MX in CIF and NeXus/HDF5 | Oral 15 mins | 6 | Dr Herbert Jacob Bernstein | 407 |
| 28-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-110: Phase transition in alloys and molecular solids | | | CHAIR | 0 | Kinga Suwinska | 260 |
| 28-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-110: Phase transition in alloys and molecular solids | | | CHAIR | 0 | Anthony Linden | 96 |
| 28-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-110: Phase transition in alloys and molecular solids | 850 | Phase changes and chemical reactions in molecular crystals | Oral 30 mins | 1 | Prof Lawrence Rocco Falvello | 623 |
| 28-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-110: Phase transition in alloys and molecular solids | 514 | Materials studies by the Bilbao Crystallographic Server | Oral 30 mins | 2 | Prof Mois Ilia Aroyo | 929 |
| 28-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-110: Phase transition in alloys and molecular solids | 1130 | Competing bcc $\beta \rightarrow$ hcp α phase transformations in Ti-1Mo alloy | Oral 30 mins | 3 | Dr Sabeena M | 1441 |

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| 28-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-110: Phase transition in alloys and molecular solids | 630 | Mystique world of acrobatic molecular crystals | Oral 30 mins | 4 | Prof Zeljko Skoko | 1049 |
| 28-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-110: Phase transition in alloys and molecular solids | 267 | Multiscale structural view of phase transitions in spin-crossover molecular solids | Oral 15 mins | 5 | Prof Philippe Guionneau | 650 |
| 28-08-2017 | 1030-1305 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-110: Phase transition in alloys and molecular solids | 1216 | Phase transition study of Ag doped Ge ₂ Sb ₂ Te ₅ thin films | Oral 15 mins | 6 | Mr Palwinder Singh | 493 |
| 28-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-111: Structural chemistry at non-ambient conditions | | | CHAIR | 0 | Dave Billing | 1031 |
| 28-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-111: Structural chemistry at non-ambient conditions | | | CHAIR | 0 | Manuel Fernandez | 2016 |
| 28-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-111: Structural chemistry at non-ambient conditions | 1591 | Under pressure to react – acetylenedicarboxylic acid polymerisation | Oral 30 mins | 1 | Dr Iain Douglas Hood Oswald | 1741 |
| 28-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-111: Structural chemistry at non-ambient conditions | 1493 | New guest accessible space under gas pressure | Oral 30 mins | 2 | Dr Vincent Joseph Smith | 1680 |
| 28-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-111: Structural chemistry at non-ambient conditions | 465 | A High Pressure Study of Two Polymorphs of C ₆₀ -2S ₈ | Oral 30 mins | 3 | Dr Christine M. Beavers | 864 |
| 28-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-111: Structural chemistry at non-ambient conditions | 1210 | New developments using the “in situ” crystallization with a CO ₂ -laser | Oral 30 mins | 4 | Dr Jordi Benet Buchholz | 847 |
| 28-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-111: Structural chemistry at non-ambient conditions | 1207 | Geometry limitation-free HT device for in situ/operando SCXRD | Oral 15 mins | 5 | Dr Michele Zema | 1493 |
| 28-08-2017 | 1030-1305 | Hall 6 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-111: Structural chemistry at non-ambient conditions | 1745 | Weak donor-acceptor intermolecular interactions under pressure: the NO ₂ ···NO ₂ case. | Oral 15 mins | 6 | Mr Fabio Montisci | 1882 |

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| 28-08-2017 | 1030-1305 | MR 2.01 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-115: Polymorphism and structural transformations in crystalline materials | | | CHAIR | 0 | Marijana Đaković | 635 |
| 28-08-2017 | 1030-1305 | MR 2.01 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-115: Polymorphism and structural transformations in crystalline materials | | | CHAIR | 0 | Koichi Momma | 772 |
| 28-08-2017 | 1030-1305 | MR 2.01 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-115: Polymorphism and structural transformations in crystalline materials | 1404 | Compressed interactions and properties of methyl-amine polymorphs | Oral 30 mins | 1 | Prof Andrzej Katrusiak | 1634 |
| 28-08-2017 | 1030-1305 | MR 2.01 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-115: Polymorphism and structural transformations in crystalline materials | 1144 | The high-temperature phases of L-phenylalanine | Oral 30 mins | 2 | Prof Carl Henrik Görbitz | 1461 |
| 28-08-2017 | 1030-1305 | MR 2.01 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-115: Polymorphism and structural transformations in crystalline materials | 991 | Unusual polymorphs of thymine | Oral 30 mins | 3 | Dr Susanta Kumar Nayak | 923 |
| 28-08-2017 | 1030-1305 | MR 2.01 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-115: Polymorphism and structural transformations in crystalline materials | 927 | Two-dimensional polymers: From monomer to polymer crystals and back | Oral 30 mins | 4 | Mr Gregor Hofer | 706 |
| 28-08-2017 | 1030-1305 | MR 2.01 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-115: Polymorphism and structural transformations in crystalline materials | 1298 | Template Induced Targeted Crystallisation of Computationally Predicted Polymorphs. | Oral 15 mins | 5 | Dr Vijay Kumar Srirambhatla | 1569 |
| 28-08-2017 | 1030-1305 | MR 2.01 | Crystal Engineering of Organic & Pharmaceutical Compounds | MS-115: Polymorphism and structural transformations in crystalline materials | 1952 | Indentation plasticity of molecular crystals: Loading rate sensitivity studies | Oral 15 mins | 6 | Dr Kiran Mangalampalli | 2098 |
| 28-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-112: Laboratory sources vs. large scale facilities for charge density studies | | | CHAIR | 0 | Regine Herbst-Irmer | 348 |
| 28-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-112: Laboratory sources vs. large scale facilities for charge density studies | | | CHAIR | 0 | Jacob Overgaard | 1128 |
| 28-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-112: Laboratory sources vs. large scale facilities for charge density studies | 293 | Accurate Charge Densities from Powder X-Ray Diffraction | Oral 30 mins | 1 | Dr Mads Ry Vogel Jørgensen | 691 |

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| 28-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-112: Laboratory sources vs. large scale facilities for charge density studies | 352 | YTiO3 charge densities: comparison of synchrotron / laboratory diffraction data | Oral 30 mins | 2 | Dr Nicolas Claiser | 652 |
| 28-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-112: Laboratory sources vs. large scale facilities for charge density studies | 1810 | Charge-density studies in small molecules and proteins: Sources and detectors | Oral 30 mins | 3 | Dr Parthapratim Munshi | 1495 |
| 28-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-112: Laboratory sources vs. large scale facilities for charge density studies | 378 | Precision and Accuracy of Single Crystal X-Ray Results | Oral 30 mins | 4 | Prof Krzysztof Wozniak | 787 |
| 28-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-112: Laboratory sources vs. large scale facilities for charge density studies | 995 | High resolution charge density of metal hexaborides. | Oral 15 mins | 5 | Prof Eiji Nishibori | 1315 |
| 28-08-2017 | 1030-1305 | MR 1.01 - 1.03 | Instrumentation techniques and/or Computation | MS-112: Laboratory sources vs. large scale facilities for charge density studies | 1076 | Charge density study of van der Waals-layered MoS2 and TiS2 | Oral 15 mins | 6 | Dr Hidetaka Kasai | 1041 |
| 28-08-2017 | 1030-1305 | Hall 4 | Special Activities | MS-109: CryoEM: Method of the decade | | | CHAIR | 0 | Richard Henderson | 77 |
| 28-08-2017 | 1030-1305 | Hall 4 | Special Activities | MS-109: CryoEM: Method of the decade | | | CHAIR | 0 | Samar Hasnain | 313 |
| 28-08-2017 | 1030-1305 | Hall 4 | Special Activities | MS-109: CryoEM: Method of the decade | 1981 | Single particle cryo-EM of membrane proteins in lipid nanodisc | Oral 30 mins | 1 | Prof Yifan Cheng | 2152 |
| 28-08-2017 | 1030-1305 | Hall 4 | Special Activities | MS-109: CryoEM: Method of the decade | 2014 | cisTEM: User-friendly software for single-particle image processing | Oral 30 mins | 2 | Dr Nikolaus Grigorieff | 145 |
| 28-08-2017 | 1030-1305 | Hall 4 | Special Activities | MS-109: CryoEM: Method of the decade | 2019 | A new method for vitrifying samples for cryoEM | Oral 30 mins | 3 | Dr Bridget Carragher | 2213 |
| 28-08-2017 | 1030-1305 | Hall 4 | Special Activities | MS-109: CryoEM: Method of the decade | 2015 | CryoEM of membrane protein complexes | Oral 30 mins | 4 | Prof Werner Kuehlbrandt | 2159 |
| 28-08-2017 | 1030-1305 | Hall 4 | Special Activities | MS-109: CryoEM: Method of the decade | 2027 | Cryo EM studies of protein aggregation and disaggregation | Oral 30 mins | 5 | Prof Helen Saibil | 2225 |
| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | | | CHAIR | 0 | Jean-Paul Ngome Abiag a | 783 |
| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | | | CHAIR | 0 | Michele Zema | 1493 |
| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | 372 | Crystallography for sustainable development: UNESCO's role and strategy | Oral 30 mins | 1 | Dr Juste Jean Paul Ngome Abiaga | 783 |

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| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | 1234 | Crystallography and scientific research in Africa: role of ICSU ROA | Oral 30 mins | 2 | Dr Daniel Nyanganyura | 1531 |
| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | 943 | The First Protein Crystallography Project in Jordan | Oral 30 mins | 3 | Dr Areej Abuhammad | 1265 |
| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | 275 | The Africa Initiative and the PanAfrican Conferences on crystallography PCCr | Oral 15 mins | 4 | Prof Claude Edouard Paul Lecomte | 667 |
| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | 916 | Open Data in the emerging 21st-century scientific world | Oral 15 mins | 5 | Mr Brian McMahon | 1283 |
| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | 985 | Post IYCr in Latin America: scientific, academic and outreach activities | Oral 10 mins | 6 | Dr Diego Germán Lamas | 1323 |
| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | 462 | The road to the Association of Albanian Crystallographers | Oral 10 mins | 7 | Prof Bujar Dida | 810 |
| 28-08-2017 | 1030-1305 | MR 1.05 | Special Activities | MS-113: Anticipating the Harvest: Post IYCr | 1250 | Bangladesh Crystallographic Association (BCA) – its formation and activities. | Oral 10 mins | 8 | Prof Altaf Hussain | 359 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | | | CHAIR | 0 | Manfred Schreiner | 2168 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | | | CHAIR | 0 | Serge Cohen | 2076 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 767 | Multimodal investigation of Pb- and As-based pigment degradation | Oral 30 mins | 1 | Prof Koen Henri Janssens | 1168 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 1226 | X-ray powder diffraction structural studies of lithol red pigments | Oral 30 mins | 2 | Prof Wieslaw Lasocha | 1122 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 533 | Red/yellow pigments in Pompeii and Herculaneum: which is which? | Oral 30 mins | 3 | Prof Gilberto Artioli | 936 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 1572 | Potential of forensic analysis of multicomponent samples | Oral 15 mins | 4 | Dr Marek Kotrly | 1727 |

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| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 1103 | Comprehensive studies of cultural heritage objects in NRC Kurchatov Institute | Oral 15 mins | 5 | Dr Roman Senin | 1274 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 1688 | Characterization of ancient Harappan faience bangles | Oral 2 mins | 6 | Prof Gilberto Artioli | 936 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 1413 | μ XRD for the identification of pigments in cross-sections of paintings | Oral 2 mins | 7 | Dr Bernadette Fruehmann | 1576 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 1401 | In-situ and time-lapse XRD as tools for atmospheric corrosion research | Oral 2 mins | 8 | Dr Rita Wiesinger | 1558 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 1336 | On the grounds of icons from National Museum in Krakow | Oral 2 mins | 9 | Dr Alicja Rafalska-Lasocha | 1127 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 263 | Verifying the reliability of historical sources through an archaeometric study | Oral 2 mins | 10 | Prof Simona Quartieri | 117 |
| 28-08-2017 | 1030-1305 | MR 1.06 | Special Activities | MS-114: Crystallography and cultural heritage: From microsampling to noninvasive techniques | 1542 | Electron microscopy methods in studies of Archaeological Objects. | Oral 2 mins | 11 | Ms Natalia Kolobylna | 1162 |
| 28-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-119: Interactions in solids under stress | | | CHAIR | 0 | Boris Zakharov | 1385 |
| 28-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-119: Interactions in solids under stress | | | CHAIR | 0 | Shanti Deemyad | 1994 |
| 28-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-119: Interactions in solids under stress | 281 | High-pressure transformation of MAPbI ₃ : role of the noble-gas medium | Oral 30 mins | 1 | Dr Alla Arakcheeva | 503 |
| 28-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-119: Interactions in solids under stress | 1006 | Emerging Challenges in High Pressure Neutron Scattering | Oral 30 mins | 2 | Dr Antonio M. dos Santos | 1344 |
| 28-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-119: Interactions in solids under stress | 380 | Binding guest molecules to frameworks: pressure-induced chemisorption in breathing MOFs | Oral 30 mins | 3 | Dr Arianna Lanza | 620 |

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| 28-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-119: Interactions in solids under stress | 836 | Development of time-resolved x-ray acoustic method of investigation of crystals | Oral 15 mins | 4 | Mr Anton Targonskiy | 1224 |
| 28-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-119: Interactions in solids under stress | 1499 | Complexity in supramolecular analogues of frustrated magnets at high pressure | Oral 15 mins | 5 | Dr Andrew Brian Cairns | 1606 |
| 28-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-119: Interactions in solids under stress | 874 | Structure–property relationships in multiferroic metal–formate frameworks under pressure | Oral 15 mins | 6 | Dr Ines Emily Collings | 1254 |
| 28-08-2017 | 1455-1730 | Hall 5 | Crystal Engineering of MOFs & Open Framework Compounds | MS-119: Interactions in solids under stress | 1322 | HP-HT behavior of urea, a precursor to photocatalytic materials | Oral 15 mins | 7 | Dr Kamil Filip Dziubek | 1549 |
| 28-08-2017 | 1455-1730 | MR 1.05 | Materials and Minerals | MS-122: Crystallography of materials for energy | | | CHAIR | 0 | Oliver Oeckler | 1282 |
| 28-08-2017 | 1455-1730 | MR 1.05 | Materials and Minerals | MS-122: Crystallography of materials for energy | | | CHAIR | 0 | Artem Abakumov | 838 |
| 28-08-2017 | 1455-1730 | MR 1.05 | Materials and Minerals | MS-122: Crystallography of materials for energy | 497 | Thermally and Electrochemically Driven Topotactical Transformations in Sodium Layered Oxides | Oral 30 mins | 1 | Dr Marie Guignard | 907 |
| 28-08-2017 | 1455-1730 | MR 1.05 | Materials and Minerals | MS-122: Crystallography of materials for energy | 750 | Solar cell structure at micro- and nanoscale through TEM | Oral 30 mins | 2 | Prof Joke Hadermann | 1159 |
| 28-08-2017 | 1455-1730 | MR 1.05 | Materials and Minerals | MS-122: Crystallography of materials for energy | 1307 | Disorder in LiMn ₂ -xTi _x O ₄ determined from combined diffraction and XAS studies | Oral 30 mins | 3 | Dr Siegbert Schmid | 1514 |
| 28-08-2017 | 1455-1730 | MR 1.05 | Materials and Minerals | MS-122: Crystallography of materials for energy | 1283 | Neutron diffraction studies of oxygen disorder in Nd ₂ NiO _{4+d} | Oral 30 mins | 4 | Mr Sumit Ranjan Maity | 119 |
| 28-08-2017 | 1455-1730 | MR 1.05 | Materials and Minerals | MS-122: Crystallography of materials for energy | 433 | Intrusion-extrusion of electrolytic solutions in zeolites for energy storage | Oral 15 mins | 5 | Prof Rossella Arletti | 792 |
| 28-08-2017 | 1455-1730 | MR 1.05 | Materials and Minerals | MS-122: Crystallography of materials for energy | 314 | Ion-Transport Phenomena and Anomalous Transformations In Strontium Uranium Oxides. | Oral 15 mins | 6 | Mr Gabriel Lynch Murphy | 713 |

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| 28-08-2017 | 1455-1730 | MR 1.06 | Physical and/or Fundamental | MS-123: Magnetic structures at extreme conditions | | | CHAIR | 0 | Oleksander Prokhnenko | 649 |
| 28-08-2017 | 1455-1730 | MR 1.06 | Physical and/or Fundamental | MS-123: Magnetic structures at extreme conditions | | | CHAIR | 0 | Konstantin Kamenev | Not in database |
| 28-08-2017 | 1455-1730 | MR 1.06 | Physical and/or Fundamental | MS-123: Magnetic structures at extreme conditions | 614 | Neutron Diffraction Experiments in Pulsed Magnetic Fields | Oral 30 mins | 1 | Prof Hiroyuki Nojiri | 1033 |
| 28-08-2017 | 1455-1730 | MR 1.06 | Physical and/or Fundamental | MS-123: Magnetic structures at extreme conditions | 190 | What can we learn from not so high pressure physics? | Oral 30 mins | 2 | Dr Andrey Podlesnyak | 427 |
| 28-08-2017 | 1455-1730 | MR 1.06 | Physical and/or Fundamental | MS-123: Magnetic structures at extreme conditions | 599 | Neutron studies on high pressure A-site manganites. | Oral 30 mins | 3 | Dr Angel M Arevalo Lopez | 1020 |
| 28-08-2017 | 1455-1730 | MR 1.06 | Physical and/or Fundamental | MS-123: Magnetic structures at extreme conditions | 1383 | High pressure structural and electronic transitions in lithium ferrites | Oral 30 mins | 4 | Dr Samar Layek | 1593 |
| 28-08-2017 | 1455-1730 | MR 1.06 | Physical and/or Fundamental | MS-123: Magnetic structures at extreme conditions | 2054 | Modulating magnetic anisotropy in coordination complexes using hydrostatic pressure | Oral 30 mins | 5 | Dr Gavin Craig | 2275 |
| 28-08-2017 | 1455-1730 | MR 2.01 | Physical and/or Fundamental | MS-124: Beyond conventional topological analysis of electron density | | | CHAIR | 0 | Bernardo Rodrigues | 957 |
| 28-08-2017 | 1455-1730 | MR 2.01 | Physical and/or Fundamental | MS-124: Beyond conventional topological analysis of electron density | | | CHAIR | 0 | Julia Contreras | 931 |
| 28-08-2017 | 1455-1730 | MR 2.01 | Physical and/or Fundamental | MS-124: Beyond conventional topological analysis of electron density | 1195 | Insights on spin density delocalization/polarization mechanisms through the Source Function | Oral 30 mins | 1 | Dr Carlo Gatti | 1501 |
| 28-08-2017 | 1455-1730 | MR 2.01 | Physical and/or Fundamental | MS-124: Beyond conventional topological analysis of electron density | 238 | Libraries of Extremely Localized Molecular Orbitals | Oral 30 mins | 2 | Dr Alessandro Genoni | 410 |
| 28-08-2017 | 1455-1730 | MR 2.01 | Physical and/or Fundamental | MS-124: Beyond conventional topological analysis of electron density | 1186 | From molecules to materials, efficient crystal engineering of polar systems | Oral 30 mins | 3 | Dr Marlena Gryl | 1228 |

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| 28-08-2017 | 1455-1730 | MR 2.01 | Physical and/or Fundamental | MS-124: Beyond conventional topological analysis of electron density | 881 | Electron pairing over domains | Oral 30 mins | 4 | Dr Miroslav Kohout | 1256 |
| 28-08-2017 | 1455-1730 | MR 2.01 | Physical and/or Fundamental | MS-124: Beyond conventional topological analysis of electron density | 1127 | Electric fields in crown ether complexation with neutral molecules | Oral 15 mins | 5 | Mr Mingwen Shi | 515 |
| 28-08-2017 | 1455-1730 | MR 2.01 | Physical and/or Fundamental | MS-124: Beyond conventional topological analysis of electron density | 1016 | Experimental charge densities of nucleobase chlorides from intermolecular interaction perspective | Oral 15 mins | 6 | Dr Paulina M. Dominiak | 532 |
| 28-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-125: Small-Angle Scattering data formats, standards and repositories | | | CHAIR | 0 | Cy Jeffries | 157 |
| 28-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-125: Small-Angle Scattering data formats, standards and repositories | | | CHAIR | 0 | Manfred Roessle | 2102 |
| 28-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-125: Small-Angle Scattering data formats, standards and repositories | 1288 | Validation of biological small-angle scattering data and models in SASBDB | Oral 30 mins | 1 | Dr Alexey Kikhney | 509 |
| 28-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-125: Small-Angle Scattering data formats, standards and repositories | 1977 | Small-Angle Scattering Data Representation in SASCIF and Integrative/Hybrid Methods Dictionary | Oral 30 mins | 2 | Dr Brinda Vallat | 1619 |
| 28-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-125: Small-Angle Scattering data formats, standards and repositories | 974 | NXcanSAS: standard to store reduced SAS data of any dimension | Oral 30 mins | 3 | Dr Pete R Jemian | 1324 |
| 28-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-125: Small-Angle Scattering data formats, standards and repositories | 2004 | Small-angle scattering standards and absolute intensity calibration | Oral 30 mins | 4 | Dr Andrew John Allen | 1347 |
| 28-08-2017 | 1455-1730 | MR 2.02 | Physical and/or Fundamental | MS-125: Small-Angle Scattering data formats, standards and repositories | 1769 | Publication Guidelines for Biomolecular Small-Angle Scattering: A Community Driven Effort | Oral 30 mins | 5 | Prof Jules Mitchell Guss | 200 |