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MS3_P3 Introducing Instruct Image Processing Center (I2PC), a cryo-EM image processing facility of the Spanish Instruct Center (Instruct-ES) – *Marcos Gragera (Centro Nacional de Biotecnología, CSIC Madrid, Spain)*

MS3_P4 Fast & furious factors: reducing redundancy in DiSCaMB – *Łukasz Golon (Univ. Warsaw, Poland)*

MS3_P5 Graphical interfaces for structure model refinement: Integration of Servalcat and MetalCoord in CCP4i2 and CCP-EM Doppio – *Martin Malý (MRC Laboratory of Molecular Biology, Cambridge, United Kingdom)*

MS6_P1 Targeting alpha-L-iduronidase against mucopolysaccharidosis type I – *Rosanna Rizzi (ICNR – Institute of Crystallography, Bari, Italy)*

MS6_P2 Kinetic screening using grating-coupled interferometry (GCI) – highly sensitive biosensor-based assays enable the identification of weak fragment hits across a diverse set of challenging targets – *Marta Janczuk-Richter (Creoptix AG, Waedenswil, Switzerland)*

MS6_P3 New Binders of the Cancer-Linked Enzyme PYCR1 Identified via XFS – *Dominika Czerwonka (Institute of Bioorganic Chemistry PAS, Poznań, Poland)*

MS6_P4 VMXi, a fully automated in-situ beamline: towards large-scale crystallographic fragment screening at room temperature – *Megan Lambert (Diamond LS, Didcot, United Kingdom)*

MS6_P5 Development of fragment-based workflows that enable rapid and cost-effective discovery of drug-like protein-protein interaction modulators targeting the Neuronal Calcium Sensor 1 – *Maria-Jose Sanchez-Barrena (Institute of Physical-Chemistry "Blas Cabrera", CSIC, Madrid, Spain)*

MS6_P6 Exploring ternary copper coordination compounds interacting with DNA as a promising anticancer and antibacterial drug – *Ivana Kekez (Univ. Zagreb, Croatia)*

MS6_P7 Building a FAIR Repository for Fragment-Based Screening Campaigns – *Genevieve L. Evans (EMBL-EBI, Cambridge, United Kingdom)*

MS6_P8 Targeting epigenetics: structure-guided design of histone demethylase inhibitors for cancer therapy – *Paulina Z. Borysiuk (Institute of Bioorganic Chemistry PAS, Poznań, Poland)*

MS6_P9 In Silico Evaluation of Cyclic Dipeptides Targeting Cancer-Associated GPCRs – *Sepideh Jafari (Lodz Univ. Technology, Poland)*

MS6_P10 The search for FGE stabilizing molecules: from fragment screen hits to potential lead(s) – *Julia L. Kowal (Bielefeld Univ., Germany)*

MS7_P1 The Electron diffraction of *Stenotrophomonas maltophilia* nuclease SmNuc1 – *Teresa Skálová (Institute of Biotechnology CAS, Vestec, Czech Republic)*

MS7_P2 Cryo-EM and ED are driving structural studies at the University of Warsaw – *Tomasz Góral (Univ. Warsaw, Poland)*

MS8_P1 Enhanced cryogenic cooling for imaging of large samples by X-ray microscopy – *Maria C. Kokkinidou (Oxford Cryosystems Ltd., Long Hanborough, United Kingdom)*

MS8_P2 Adding Cryo-EM to the palette of structural biology techniques at SOLEIL – *Eric Larquet (I2BC UMR9198 CNRS, Gif-sur-Yvette, France)*

MS8_P3 Synergistic insights from crystallographic and microcalorimetric studies in solution: a case of *R. etli* asparaginases – Joanna Sliwiak (*Institute of Bioorganic Chemistry PAS, Poznan, Poland*)

MS8_P4 Structural elucidation and biophysical characterization of Retinol Binding Protein 3 – Luca Gessa (*Institute of Physical Chemistry PAS, Warsaw, Poland*)

MS8_P5 Structure of DC11 Fab fragment specific for the pre-aggregation conformation of intrinsically disordered protein tau – Ondrej Cehlar (*Laboratory of Structural Biology of Neurodegeneration SAS, Bratislava, Slovakia*)

MS13_P1 Quaternary representative of the Cr₂AlC-type structure in the Ti–Al–Ga–C system – Anastasiia Broda (*Ivan Franko National Univ. Lviv, Ukraine*)

MS13_P2 The first ternary sodium zincides/cadmides: syntheses and crystal structures of Na₈(Cd_{1-x}Zn_x)₁₇ (x=0.124) and Na₄₇(Cd_{1-x}Zn_x)₁₀₂ (x=0.088) – Inga Junker (*Univ. Freiburg, Germany*)

MS13_P3 Crystal structure of La₆Mg_{23+x}Sn_{1-x} compound – Vasyl Kordan (*Ivan Franko National Univ. Lviv, Ukraine*)

MS13_P4 Structure, bonding, and properties of Sc intermetallics with transition metals and gallium – Vitaliy Romaka (*Dresden Univ. Technology, Germany*)

MS13_P5 Preliminary results on the new ternary intermetallic compound Cu₅(As,Sb)₂ in the Cu–As–Sb system – Marianne Mödlinger (*Univ. Genoa, Italy*)

MS13_P6 Ternary EuMg_{5-x}-type structures: challenges in refining channel occupancies – Markus Ottény (*Albert-Ludwigs-Univ. Freiburg, Germany*)

MS13_P7 Phase equilibria in the Gd-Al-Ge system at 873 K – Svitlana Pukas (*Ivan Franko National Univ. Lviv, Ukraine*)

MS13_P8 New horizons in studying intermetallics through solid state diffusion and 3D-ED: the Au–Mg system – Pavlo Solokha (*Univ. Genova, Italy*)

MS13_P9 Crystal structure and hydrogen sorption properties of the intermetallic RY₂Ni_{9-x}M_x phases (R = La, Pr, Nd; M = Cu, Co, Fe, Mn; x = 0, 1, 2) – Yuriy Verbovitskyy (*Karpenko Physico-Mechanical Institute, NASU, Lviv, Ukraine*)

MS13_P10 Characteristics of the interaction between components in the RGe₂ – R'Ge₂ cross-sections – Zinoviya Shpyrka (*Ivan Franko National Univ. Lviv, Ukraine*)

MS14_P1 Interplay between crystal structure and magnetism in Tb₂CoGe₂ upon hydrogenation – Nazar Saidov (*Ivan Franko National Univ. Lviv, Ukraine*)

MS21_P1 Finding crystal orientation in uniplanar texture – Josef Simbrunner (*Medical Univ. Graz, Austria*)

MS21_P2 Structural and magnetic characterization of magnetic multi-layered Fe-Ga thin films for applications in magnetic sensor devices – Celine Durniak (*The European Spallation Source, Kongens Lyngby, Denmark*)

MS21_P3 Biofunctionalization of dental surfaces: Towards obtaining antimicrobial yet biocompatible orthodontic archwires – Alaa Adawy (*Univ. Oviedo, Spain*)

MS23_P1 Masterful Sample Grilling – Next Starts – Martin Adam (*Bruker AXS SA, Karlsruhe, Germany*)

MS23_P2 Influence of yttrium on changes in the structure of amorphous metal alloys of the Al₈₇(Y,Gd)₅(Ni,Fe)₈ system due to short-term annealing – Khrystyna Khrushchyk (*Ivan Franko National Univ. Lviv, Ukraine*)

MS23_P3 Diffuse scattering in sanidines – Christin Wiggers (*Univ. Bremen, Germany*)

- MS26_P1** Enhancing the physicochemical properties of antidepressant drugs through cucurbituril complexation – *Natasza Jakubik (Univ. Warsaw, Warsaw, Poland)*
- MS26_P2** Heterobimetallic Mn(II)/Al(III) chalcogenides: Model systems for mixed-valent ferrates(II/III) – *Caroline Röhr (Univ. Freiburg, Germany)*
- MS26_P3** Synthesis and solid-state NMR-driven crystal structure determination of the first co-drug of valproic acid and L-carnitine – *Federica Bravetti, (Goethe Univ., Frankfurt am Main, Germany)*
- MS26_P4** Obtaining and structural studies of ectoine cocrystals with selected anions – *Anna Sadocha (Univ. Warsaw, Poland)*
- MS26_P5** Structural studies of urea clathrates with long aliphatic amines – *Arkadiusz Ciesielski (Univ. Warsaw, Poland)*
- MS26_P6** The Design and synthesis of ternary multi-component crystals through sublimation – *Matthew C. Scheepers (Stellenbosch Univ., Matieland, South Africa)*

MS29_P1 Halogen bond triad: Three individual N···I halogen bonds in one cocrystal – *Steven Van Terwiningen (Univ. Vienna, Austria)*

- MS30_P1** Phase Transitions in Ferroelectric, Layered CPA₂PbCl₄: A Multifunctional Hybrid Perovskite – *Anna Gagor (Institute of Low Temperature and Structural Research PAS, Wrocław, Poland)*
- MS30_P2** Behaviour of magnetite mesocrystals at high temperature – *Elena Sturm (Ludwig-Maximilians-Univ., Munich, Germany)*
- MS30_P3** Mechanism of Isostructural Phase Transition in Isobutane under High Pressure – *Marcin Podsiadło (Adam Mickiewicz Univ., Poznań, Poland)*
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- MS30_P5**: Conformational transformations in ruthenocene and osmocene coupled to the CH···Ru and CH···Os bonds – *Ida Moszczyńska (Adam Mickiewicz Univ., Poznań, Poland)*
- MS30_P6** High temperature phase transition in a 1:1 co-crystal of butyl p-hydroxybenzoate:isonicotinamide – *Mark Elsegood (Loughborough Univ., United Kingdom)*
- MS30_P7** Metastability in carbon nano bowls for sustainable thermal storage: a playground for studying molecular cooperativity in soft matter – *Mattia Gaboardi (Univ. Rome Tor Vergata, Italy)*
- MS30_P8** Variable temperature diffraction and polymorph screening with the XtaLAB Synergy-ED – *Emilia Buchsteiner (Rigaku Europe SE, Neu-Isenburg, Germany)*
- MS30_P9** Piezo-solvatomorphism of iHOF — a porous, hydrogen bond-assisted ionic organic framework – *Gracjan Russ (Adam Mickiewicz Univ., Poznań, Poland)*
- MS30_P10** Polymorphism of fenamic acids and their salts – *Marta S. Krawczyk (Wrocław Medical Univ., Poland)*
- MS30_P11:** Serendipitous Discovery of a New Polymorph of L-Serine – *Agnieszka Skórsko-Stania (Jagiellonian Univ., Kraków, Poland)*
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- MS30_P14** Two polymorphs of MgClO₄ • 6 Urea – *Gergana Velyanova (Institute of Mineralogy and Crystallography BAS, Sofia, Bulgaria)*
- MS30_P15** High-Z' phases of n-butanol – *Szymon Sobczak (Adam Mickiewicz Univ., Poznań, Poland)*
- MS30_P16** Hydrogen bonds and F···F contacts in pentafluorobenzene at high pressure – *Michałina Rusek (Adam Mickiewicz Univ., Poznań, Poland)*
- MS30_P17** From Model Compounds to Complex Reality: Structural Accuracy as a Foundation for Property Prediction – *Helena Butkiewicz (Univ. Warsaw, Poland)*

MS30_P18 Liquid pressure-transmitting media inhibit pressure-induced dehydration and subsequent crystallisation of amorphous calcium carbonate – *Hiroki Kobayashi (Univ. Tokyo, Japan)*

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MS39_P9: Pressure effects in a charge-transfer complex *p*-benzoquinone: resorcinol – Shiva Batmanghelich (Adam Mickiewicz Univ., Poznań, Poland)

MS39_P10 High-pressure investigation of a cocrystal based on 4,4'-vinylenedipyridine and diphenic acid – Fabilo Cheriya Purayil (Adam Mickiewicz Univ., Poznań, Poland)

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MS39_P12 Discovery of a new high-pressure phase of Posaconazole – Banaz Fetah (Univ. Strathclyde, Glasgow, United Kingdom)

MS39_P13 Investigation of anomalous compressibility and thermal expansion of a copper(II) coordination polymer – Paweł Grzymski-Ostrega (Univ. Warsaw, Poland)

MS40_P1 Nanobeam 4D STEM with MerlinEM: at the intersection between crystallography and microscopy – Gearóid Mangan (Quantum Detectors Ltd., Harwell Oxford, United Kingdom)

MS40_P2 Single crystal electron diffraction studies at Core Facility – Szymon Sutuła (Univ. Warsaw, Poland)

MS40_P3 Generalizing Instamatic data collection framework for electron crystallography – Daniel M. Tchoń (Institute of Physics CAS, Prague, Czech Republic)

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MS46_P1 Two novel Cu(II) complexes with tetraimine 2,6-diacetylpyridine derivatives – Synthesis, Characterization, and Crystal Structure – Dominik Triska (Univ. Applied Sciences Merseburg, Merseburg, Germany)

MS46_P2 ... Action! – Annalisa Guerri (Univ. of Florence, Sesto Fiorentino, Italy)

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