EuroSciCon

# Crystallography 2018

June 04-05

London, UK



# Program Schedule

| Tentative Program | |
|---|---|
| **Day 1 June 04, 2018** | |
| | **Registrations** |
| | **Opening Ceremony** |
| | **Introduction** |
| **Keynote Forum** | |
| | **Title:** Phonon assisted oxygen diffusion vs. oxygen and electronic ordering mechanisms in non-stoichiometric correlated oxides |
| | **Werner Paulus,** University of Montpellier, France |
| **Coffee Break** | |
| | **Title:** Crystallography of phase transformations in solids and its applications |
| | **Mingxing Zhang,** The University of Queensland, Australia |
| ****Keynote Slot Available** | |
| **Sessions: Advanced Crystallography \| Biological Structure Determination \| Crystal Growth** | |
| **Chair** | **Yet to be confirmed** |
| | **Title:** Stereochemistry and anti-inflammatory inhibition: Asymmetry complexes of 4-halogenated mofebutazones derivatives |
| | **Henrich H. Paradies,** Department of Chemistry and Life Science, Jacobs-University, Bremen, Germany |
| | **Title:** Contemporary diffraction methods in study of polycrystals |
| | **Stanko Popović, University of Zagreb, Croatia** |
| | **Title:** The Vlasov's equation for description of solids structure |
| | **V.I.Talanin,** Institute of Physical Chemistry, Poland |
| | **Title:** Crystallography and thermal conductivity of thermoelectric clathrates |
| | **Yuri Grin,** Max-Planck-Institute for Chemistry Physics fester Stoffe, Germany |
| | **Title:** Nanocrystal silicon growth under electron irradiation |
| | **Weiqi Huang,** Institute of Nanophotonic Physics, China |
| | **Title:** Femtoscope: Atomic Resonance in ATP Imposes the Necessary and Sufficient Conditions for Cancer Efficient Radiotherapy |
| | **Nicolas Recalde,** South Carolina University, USA |
| | **Title:** Co-Crystallization- Towards Enhanced Biological Activities Examples of Crystal Engineering Approach |
| | **Sammer Yousuf,** University of Karachi, Pakistan |
| | **Title:** Dielectric and magnetic study of iron- nickel- manganese ternary levo tartrate crystals |
| | **S. J. Joshi,** Bahauddin Science College, India |
| | **Title:** Synthesis and characterization of Triglycinesulphate crystals doped with potassium succinate |
| | **Vijeesh P,** The Cochin College, Kochi, Kerala |
| | **Title:** Precipitant-less Crystallization of Protein Molecules Induced by Substrate with Heterogeneous Topography and Surface Potential Gradient |
| | **Animangsu Ghatak,** IIT Kanpur, India |
| **Speakers slot available @ Crystallography 2018<br>Submit abstracts and confirm your slot** | |
| **Lunch Break** | |
| **Sessions: Precession Electron Diffraction (PED) \| Nuclear Magnetic Resonance Crystallography (NMR crystallography) \| Advances in Neutron Diffraction \| Chemical Crystallography** | |
| **Chair** | **Yet to be confirmed** |

# Program Schedule

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| | **Title: High-pressure crystallographic studies in diamond anvil cells using X-rays and neutrons** |
| | **Andrzej Grzechnik, RWTH Aachen University, Germany** |
| | **Title:** : NMR Crystallography as a tool for characterization of active sites of solid catalysts |
| | **Olga B. Lapina, Novosibirsk State University, Russia** |
| **Coffee Break** | |
| | **Title:** Crystallography of dynamics of metal nanoclusters during chemical reaction at their surface |
| | **Zbigniew Kaszkur, Institute of Physical Chemistry, Poland** |
| | **Title:** Crystallography of oxidized metal(II)- di(phenolate) complexes; geometric and electronic |
| | **Yuichi Shimazaki, Ibaraki University, Japan** |
| **Speakers slot available @ Crystallography 2018** | |
| | |
| **Day 2 June 05, 2018** | |
| **Keynote Forum** | |
| | **Title: Identification of the Defect Clusters in Congruent Lithium Tantalate** |
| | **Anastasia Vyalykh, Institute of Experimental Physics, Germany** |
| | **Title: Advances and Applications of Neutron Scattering and Diffraction** |
| | **Martin Meven, Institute of Crystallography, RWTH Aachen University, Germany** |
| **Coffee Break** | |
| | **Title: Structural features of a new oxygen deficient perovskite Sr2ScGaO5, a promising oxygen ion conductor at moderate temperature** |
| | **Monica Ceretti, Institut Charles Gerhardt Montpellier Montpellier, France** |
| **Keynote Slot Available** | |
| **Sessions: Crystallography of Novel Materials \| Recent development in the X-ray studies** | |
| **Chair** | **Yet to be confirmed** |
| | **Title:** Neutron Laue and X-ray diffraction study of a new crystallographic superspace phase in n-nonadecane–urea |
| | **Marie-Hélène Lemée-Cailleau, Institut Laue Langevin, France** |
| | **Title:** Fluorination of cuspidine-related phases, Ln4Al2O9 (Ln=Sm, Eu, Gd, Tb) |
| | **Aroa Morán-Ruiz, University of the Basque Country, Basque Country, Spain** |
| | **Title:** Exploring the evolution of the orbital and magnetic ordering in Ca2RuO4 under an applied field |
| | **Alessandro Bombardi, Diamond Light Source Ltd., Harwell Science and Innovation Campus** |
| | **Title:** Real Space Modeling of Solution-State SAXS Using Information Theory |
| | **Robert P Rambo, Diamond Light Source, Harwell Science and Innovation Campus, UK** |
| | **Title:** Synthesis and crystal structure of new poly(organic-inorganic) polymers poly[Cu(NO2-acac)2]n |
| | **Hadi Salman Al-Lami, University of Basrah, Basrah, Iraq** |
| **Speakers slot available @ Crystallography 2018** | |
| **Lunch Break** | |
| **Sessions: Spectroscopy Applications \| Electron Crystallography \|Crystallography Applications** | |
| **Chair** | **Yet to be confirmed** |
| | **Title:** Fluorescence in quantum systems with violated symmetry |
| | **Nikolai N. Bogolubov (Jr.), DSc Mathematical Institute of the RAS, Russia** |
| | **Title:** The Fabrication of ITO nanowires by RF-sputtering |
| | **Qiang Li, Xi'an Jiaotong University, China** |

# Program Schedule

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|---|---|
| | **Title:** CrystalCMP – fast packing comparison of molecular crystals |
| | **Jan Rohlíček, Institute of Physics AS CR, Czech Republic** |
| | **Title:** Frag Xtal Screen* for direct crystallographic fragment screening |
| | **Christin Reuter, Jena Bioscience GmbH, Germany** |
| | **Title:** Non-Euclidean Crystallography |
| | **Emil MOLNÁR, Inst. Math. Budapest Univ. Technology Econ. Hungary** |
| **Speakers slot available @ Crystallography 2018** | |
| **Coffee Break** | |
| **Poster Presentations** | |
| **20+ Poster Slots Available Please submit the abstracts** | |
| ****Note: Tentative Program has been designed with the projected Speakers Names and Titles.** | |

## SUBMIT YOUR ABSTRACT:

**https://crystallography.euroscicon.com/abstract-submission**

## Confirm Your Slot:

**https://crystallography.euroscicon.com/registration**

# City Attractions












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