



Workshop 5

Research opportunities at large scale user facilities

Date: May 23, 2025

Location: Belgrade, Serbia

Venue: Serbian Academy of Sciences and Arts & Institute of Physics Belgrade

Registration: mandatory - free of charge

Workshop 5 Research opportunities at large scale user facilities - Program

- 09:00-09:30** Cormac McGuinness
Neutrons and Photons Elevating Worldwide Science (NEPHEWS) – Trans-National Access for Excellent Curiosity Driven Research
- 09:30-10:00** Ivana Radosavljevic Evans
Writing Successful Proposals for Beamtime at Large Facilities: Before, During and After the Experiment
- 10:00-10:30** Mads Ry Vogel Jørgensen
Material Science using MAX IV – the First 4th Generation Synchrotron Source
- 10:30-10:50** **Coffee Break**
- 10:50-11:20** John S.O. Evans
Insight on Functional Materials from Parametric Scattering Studies at Large Scale User Facilities
- 11:20-11:50** Matthias J. Gutmann
Opportunities At the ISIS Spallation Neutron Source
- 11:50-12:20** Milan Radovic
Spectroscopy at the Synchrotron, Microscopy of the Quantum World
- 12:20-14:15** **Lunch Break**
- 14:15-14:45** Michael Gensch
(Quantum) Materials in high Terahertz Fields
- 14:45-15:15** Mikhail Feygenson
Future Research Opportunities at European Spallation Source
- 15:15-15:45** Zurab Guguchia (online)
Muon Spin Rotation: Principles of the Technique and Applications in Quantum Materials Research
- 15:45-16:05** **Coffee Break**
- 16:05-16:35** Gustavo A. Garcia
Photoelectron Circular Dichroism: From Model Molecular Systems to Nanoparticles
- 16:35-17:05** Fernando Igoa Saldaña
High-energy diffraction and scattering for physics and chemistry at PETRA III
- 17:05-17:35** Cormac McGuinness
Observing On-Surface Synthesis of Novel Nanostructures by High Resolution Synchrotron Based X-ray Spectroscopies: Chiral Graphene Nanoribbons and Porphyrin Networks