

IXS 2022

The 12th International Conference on
Inelastic X-ray Scattering

21st – 26th August 2022 | Saïd Business School,
University of Oxford, Oxford, UK

IXS2022 will bring together scientists from all over the world interested in the use and development of both Resonant and Non-resonant Inelastic X-ray Scattering to address a broad range of materials science challenges. IXS2022 is your opportunity to share new scientific discoveries and the latest developments in the instrumentation, experimental approaches and theories, and to discuss future directions in the field.

Topics covered at IXS2022:

- Quantum materials
- Energy materials & catalysis
- Functional materials
- Soft, glassy and biological materials
- Theory
- Time domain spectroscopy
- Extreme and operando conditions
- Novel instrumentation & methods

Plenary Speakers:

Prof. Andrea Cavalleri, Max Planck Institute for the Structure and Dynamics of Matter, University of Oxford

Prof. Arun Bansil, Northeastern University, Massachusetts, USA

Prof. Bernhard Keimer, Max Planck Institute for Solid State Research, Germany

Prof. Je-Geun Park, Seoul National University, Korea

Dr. Mark Dean, Brookhaven National Laboratory, New York, USA

Prof. Markus Grüninger, University of Cologne, Germany

Prof. Peter Bruce, University of Oxford, UK

Prof. Tom Devereaux, Stanford University, California, USA

Invited Speakers:

Prof. Alexander Föhlisch, Potsdam University and Helmholtz-Zentrum Berlin, Germany

Dr. Bernardo Barbiellini, Lappeenranta University of Technology, Finland

Dr. Cameron Dashwood, University College London, UK

Prof. Derek Meyers, Oklahoma State University, USA

Prof. Di-Jing Huang, National Synchrotron Radiation Research Center, Taiwan

Prof. Dmitry Reznik, University of Colorado, USA

Dr. Elia Razzoli, Paul Scherrer Institute, Switzerland

Dr. Francesco Sottile, ETSF, LSI, Ecole Polytechnique, France

Prof. Gerrit Van Der Laan, Diamond Light Source, UK

Dr. Georgi Dakovski, SLAC National Accelerator Laboratory, California, USA

Prof. Giacomo Ghiringhelli, Politecnico di Milano, Italy

Dr. Hasan Yavas, SLAC National Accelerator Laboratory, California, USA

Dr. Hebatalla Elnaggar, Sorbonne Université, France

Dr. Hiroshi Fukui, Japan Synchrotron Radiation Research Institute

Dr. Hu Miao, Oak Ridge National Laboratory, Tennessee, USA

Prof. Johan Chang, University of Zurich, Switzerland

Dr. Justine Schlappa, European XFEL, Germany

Dr. Keith Gilmore, Brookhaven National Laboratory, New York, USA

Dr. Ke-Jin Zhou, Diamond Light Source, UK

Prof. Kiyotaka Asakura, Hokkaido University, Japan

Dr. Loïc Bertrand, Université Paris-Saclay, PPSM Lab, France

Prof. Marco Salluzzo, CNR-SPIN, Italy

Prof. Matteo Mitrano, Harvard University, Massachusetts, USA

Prof. Matthieu Le Tacon, Karlsruhe Institute of Technology, Germany

Prof. Olivier Delaire, Duke University, North Carolina, USA

Dr. Pieter Glatzel, ESRF, France

Dr. Sayantika Bhowal, ETH Zurich, Switzerland

Prof. Dr. Serena DeBeer, Max Planck Institute for Chemical Energy Conversion, Germany

Prof. Steve Johnston, University of Tennessee, USA

Prof. Takami Tohyama, Tokyo University of Science, Japan

Dr. Thorsten Schmitt, PSI, Switzerland

Dr. Valentina Bisogni, Brookhaven National Laboratory, New York, USA

Dr. Wanli Yang, Advanced Light Source, California, USA

Dr. Wei-Sheng Lee, Stanford University, USA

Prof. Xuerong Liu, ShanghaiTech University, China

Prof. Yang Ding, HPSTAR, China

Prof. Yao Wang, Clemson University, South Carolina, USA

Dr. Yi-De Chuang, Advanced Light Source, California, USA

Prof. Yingying Peng, Peking University, China

Prof. Yoshiharu Sakurai, Japan Synchrotron Radiation Research Institute, Japan

Dr. Yuya Shinohara, Oak Ridge National Laboratory, Tennessee, USA

Conference Chairs:

Ke-Jin Zhou, Diamond Light Source, Chair

Wei-Sheng Lee, SLAC, International Programme Committee

Stephen Hayden, U. of Bristol, International Programme Committee

Contact:

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Important Dates:

Abstract Outcome Notification: w/c 9th May 2022

Early Bird Registration Rate Deadline: 15th May 2022

Standard Registration Deadline: 29th July 2022

To register:

Students will receive a discounted rate.

<https://www.diamond.ac.uk/Conference/IXS2022/Registration.html>

