

**Speakers - Time-resolved imaging of photo-induced dynamics Faraday Discussion, 1-3
February 2021**

Invited Speakers

Toshinori Suzuki (Opening Lecture), *Kyoto University, Japan*
Mikhail Ivanov (Closing Speaker), *Max Born Institute, Germany*
Martin Centurion, *University of Nebraska-Lincoln, USA*
Jochen Küpper, *CFEL, DESY and Universität Hamburg, Germany*
Jon Marangos, *Imperial College London, UK*
Spiridoula Matsika, *Temple University, USA*
Alicia Palacios, *Universidad Autónoma de Madrid, Spain*
Nina Rohringer, *DESY and Universität Hamburg, Germany*
Albert Stolow, *University of Ottawa, Canada*
Peter Weber, *Brown University, USA*

Selected Orals

Topic - Strong-Field Physics

Rituparna Das, *Physical Research Laboratory, India*
Ultrafast Hydrogen migration in CH₃OH induced by strong laser field

Ruaridh Forbes, *SLAC National Accelerator Laboratory, USA*
Observing photodissociation and x-ray induced charge transfer dynamics via time-resolved recoil frame covariance imaging in methyl iodide

Fernando Martin, *IMDEA Nanoscience and Universidad Autonoma de Madrid, Spain*
IR-driven control of asymmetry in H₂ photoelectron angular distributions induced by XUV attosecond pulses

Andrew Maxwell, *University College London, UK*
Manipulating Twisted Electrons in Strong Field Ionization

Time-resolved Diffraction

Kenneth Lopata, *Louisiana State University, USA*
Core-Level Ionization-Triggered Electron Dynamics Probed with Ultrafast X-Ray Scattering

Adi Natan, *Stanford University, USA*
Imaging Multiphoton and Strong-Field Dynamics with High-Order Anisotropy Ultrafast X-ray Scattering

Jean Christophe Tremblay, *CNRS/Université de Lorraine, LPCT, France*
Correlation-Driven Charge Migration in Light-Induced Molecular Magnets

Linda Young, *Argonne National Laboratory, USA*
Ultraintense, ultrashort pulse x-ray scattering in small molecules

Time-Resolved Ultrafast Spectroscopy

Majed Chergui, *Ecole Polytechnique Fédérale de Lausanne, France*
Spin cross-over Dynamics in Biology

Ajay Jha, *Max Planck Institute for the Structure and Dynamics of Matter, Germany*
Coherent Dynamics of Electron Acceptor Radical Anion in Contact Ion-pair

Oleg Kornilov *Max Born Institute, Germany*

Electronic relaxation of aqueous aminoazobenzenes studied by time-resolved photoelectron spectroscopy and surface hopping TDDFT dynamics calculations

Sivarama Krishnan, *Indian Institute of Technology Madras, India*

Coincident angle-resolved EUV photoelectron spectroscopy of acetylene molecules: a candidate system for time-resolved dynamics

Marco Ruberti, *Imperial College London, UK*

Quantum electronic coherences by attosecond transient absorption spectroscopy: ab initio B-spline RCS-ADC study

Ultrafast X-ray Science

Jiro Itatani, *The University of Tokyo, Japan*

Attosecond Transient Absorption Spectroscopy of Diatomic Molecules at 400 eV

Daniel Neumark, *University of California, Berkeley, USA*

Probing ultrafast dynamics with attosecond four-wave mixing

Thomas Pfeifer, *Max-Planck-Institut für Kernphysik, Germany*

XUV pump - XUV probe transient-absorption spectroscopy at FELs

Jan M Rost, *Max Planck Institute for the Physics of Complex Systems, Germany*

Photoelectron Spectra from Noisy Pulses: Extracting Target Information with Synthetic Hamilton Matrices and Deep Learning Techniques

Thomas Wolf, *SLAC National Accelerator Laboratory, USA*

Time-resolved resonant Auger spectroscopy of UV-excited thymine