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CONTACT

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MÜNSTER, GERMANY
14-18 August 2023



22nd International Conference on Electron Dynamics in Semiconductors, Optoelectronics and Nanostructures (EDISON 22)

14-18 August 2023, Münster, Germany

SECOND ANNOUNCEMENT and CALL FOR ABSTRACTS

Following a series of previous conferences, EDISON 22 is dedicated to the latest progress in the field of fundamental physics and applications of nonequilibrium classical and quantum carrier dynamics in semiconductors, optoelectronic devices and nano-structures. The conference will be held at the Agora conference site near the Aasee (Lake Aa), Münster, conveniently located near the historical city center of Münster.

SUBMISSION OF ABSTRACTS

Prospective authors are invited to submit a one-page abstract in pdf format via the conference website. Information on the abstract format and abstract templates are provided on the website. For the submission please follow the upload link on the website and specify from the list below the topic which is most appropriate for your work.

- Nonequilibrium electrical and thermal transport in bulk, nanostructures and devices
- Terahertz phenomena in semiconductor materials and devices
- Mesoscopic phenomena in nanostructures
- Electrical and optical properties of 2D materials and their heterostructures
- Carrier dynamics and ultra-fast optical phenomena
- Coherent carrier dynamics for quantum technologies
- Semiconductor-based spintronics
- Electronic properties of topological materials
- Carrier dynamics in organic materials
- Charge dynamics in energy conversion and energy harvesting processes
- Fluctuations and noise in nonequilibrium carrier dynamics
- Interaction of charges with plasmonic, phononic and mechanical excitations

CONFIRMED INVITED SPEAKERS

- Satoshi Iwamoto (University of Tokyo, Japan)
- Takashi Nakajima (RIKEN, Saitama, Japan)
- Gloria Platero (Instituto de Ciencia de Materiales de Madrid, CSIC, Spain)
- Andrea Secchi (CNR Istituto Nanoscienze, Modena, Italy)
- Ian R. Sellers (University of Oklahoma, USA)
- Oren Tal (Weizmann Institute of Science, Rehovot, Israel)
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- Yanko Todorov (École Normale Supérieure, Paris, France)
- Stephan Winnerl (Helmholtz-Zentrum Dresden Rossendorf, Germany)
- Ilaria Zardo (University of Basel, Switzerland)

IMPORTANT DATES

Abstract submission deadline 15 March 2023
Notification of acceptance 28 April 2023

<https://edison22.uni-muenster.de>

