



Advances in Ultrafast Condensed Phase Physics IV (PE103)

Conference Chairs: **Stefan Haacke**, Institut de physique et chimie des matériaux de Strasbourg (France)

Programme Committee: **Joachim Burgdörfer**, Vienna Univ. of Technology (Austria); **Sofie Canton**, Deutsches Elektronen-Synchrotron (Germany); **Giulio N. Cerullo**, Politecnico di Milano (Italy); **Peter Hommelhoff**, Friedrich-Alexander-Univ. Erlangen-Nürnberg (Germany); **Misha Ivanov**, Max-Born-Institut für Nichtlineare Optik und Kurzzeitspektroskopie (Germany); **Jacek Kubicki**, Adam Mickiewicz Univ. (Poland); **Wolfgang Langbein**, Cardiff Univ. (United Kingdom); **Christoph Lienau**, Univ. of Oldenburg (Germany); **Maciej Lorenc**, CNRS-Rennes (France); **Hamed Merdji**, CEA-Saclay (France); **Martin Schultze**, Technische Univ. Graz (Austria); **Jelena Sjakste**, Ecole Polytechnique (France); **Vladislav Yakovlev**, Max-Planck-Institut für Quantenoptik (Germany)

Recent progress in ultrafast solid state and molecular physics is fueled by important technical and methodological developments, both on the side of lasers and instruments, as well as new by computational approaches. This conference aims at bringing together researchers from both these areas to discuss recent breakthroughs and new ideas related to observing and controlling light-matter interactions. We explicitly invite experimental and theoretical contributions. In particular, contributions in the following areas are encouraged:

- strong-field processes in condensed matter, including high-harmonic generation
- ultrafast electron dynamics in atomically thin materials, strongly correlated or topological materials
- ultrafast magnetism and phase transitions
- ultrafast non-adiabatic dynamics of condensed phase molecular systems and functional materials
- novel experimental and theoretical tools for ultrafast condensed-matter physics.

CONTINUED NEXT PAGE →

Present your research at SPIE Photonics Europe

Below are abstract submission instructions, the accompanying submission agreement, conference presentation guidelines, and guidelines for publishing in the Proceedings of SPIE on the SPIE Digital Library. Submissions subject to chair approval.

Important dates

Abstracts due	30 November 2023
Authors notified and programme posts online	25 January 2024
Registration opens	8 January 2024
Submission system opens for manuscripts and poster videos/PDFs*	5 February 2024
Manuscripts due	20 March 2024

*Contact author or speaker must register prior to uploading

What you will need to submit

- Presentation title
- Author(s) information
- Speaker biography (1000-character max including spaces)
- Abstract for technical review (200-300 words; text only)
- Summary of abstract for display in the programme (50-150 words; text only)
- Keywords used in search for your paper (optional)
- Check the individual conference call for papers for additional requirements (i.e. extended abstract PDF upload for review or instructions for award competitions)

Note: Only original material should be submitted. Commercial papers, papers with no new research/development content, and papers with proprietary restrictions will not be accepted for presentation.

How to submit your abstract

- Visit the conference page: www.spie.org/pe103call
- You may submit more than one abstract, but submit each abstract only once
- Submit by clicking the "Submit an Abstract" button on the conference page
- Sign in to your SPIE account, or create an account if you do not already have one
- Follow the steps in the submission wizard until the submission process is completed
- If your submission is related to an application track below, indicate the appropriate track when prompted during the submission process

Submission agreement

All presenting authors, including keynote, invited, oral, and poster presenters, agree to the following conditions by submitting an abstract:

- Register and pay the author registration fee
- Oral presenters: recording and publication of your onsite presentation (slides synched with voice) for publication in the Proceedings of SPIE in the SPIE Digital Library
- Poster presenters: submit a poster PDF by the advertised due dates for publication in the Proceedings of SPIE in the SPIE Digital Library; poster PDFs may also be published and viewable in the spie.org programme during and immediately after the event. Each poster must have a unique presenter; one person may not present more than one poster
- Email messaging for the conference series
- Submit a manuscript by the advertised due date for publication in the Proceedings of SPIE in the SPIE Digital Library
- Obtain funding for registration fees, travel, and accommodations
- Attend the meeting
- Present at the scheduled time

Review and programme placement

- To ensure a high-quality conference, all submissions will be assessed by the conference chair/editor for technical merit and suitability of content
- Conference chairs/editors reserve the right to reject for presentation any paper that does not meet content or presentation expectations
- Final placement in an oral or poster session is subject to chair discretion

Publication of Proceedings in the SPIE Digital Library

Increase your professional visibility and publish in the world's largest collection of optics and photonics research. Your peers access approximately 18 million papers, presentations, and posters from the SPIE Digital Library each year.

- Only manuscripts, presentations, and posters presented at the conference and received according to publication guidelines and due dates will be published in the Proceedings of SPIE in the SPIE Digital Library
- Manuscripts, presentations, and posters will be officially published after the event in the SPIE Digital Library
- Conference chairs/editors may require revision before approving publication and reserve the right to reject for publication any manuscript or presentation that does not meet acceptable standards for a scientific publication
- Conference chair/editor decision to accept or reject a manuscript, presentation, or poster for publication is final
- Authors must be authorized to provide a suitable publication license to SPIE; authors retain copyright of all scientific material
- SPIE retains rights to distribute and market the official SPIE recording of the presentation and/or submitted video/poster
- SPIE partners with relevant scientific databases and indexes to enable researchers to easily find papers published in the Proceedings of SPIE. The databases that abstract and index these papers include Astrophysical Data System (ADS), Ei Compendex, CrossRef, Google Scholar, Inspec, Scopus, and Web of Science
- More publication information available on the SPIE Digital Library.

SYMPOSIUM CHAIRS



Francis Berghmans
Vrije Universiteit
Brussel (Belgium)



Thierry Georges
Oxxius (France)



Anna Mignani
Istituto di Fisica
Applicata "Nello
Carrara" (Italy)



Paul Montgomery
Univ. of Strasbourg
(France)

SPIE. DIGITAL LIBRARY

SPIE WILL PUBLISH YOUR RESEARCH GLOBALLY

www.SPIEDigitalLibrary.org

Your work will live far beyond the conference room—all proceedings from this meeting will be published in the SPIE Digital Library. Promote yourself, your ideas, and your organization to millions of key researchers from around the world through this web-based repository of the latest technical information.

Contact information

QUESTIONS?

Contact the coordinator listed in your spie.org account.

For questions about your presentation, submitting an abstract or the meeting, contact your conference programme coordinator.

For questions about publication or the SPIE Digital Library, contact your proceedings coordinator.