



International Symposium on Nonlinear Optics and Ultrafast Phenomena

Ultrafast Lasers • Harmonic Generation • Time-Resolved Spectroscopy

This international symposium will be organized within the scope of INTERPHOTONICS 2026 and aims to bring together researchers working on ultrafast laser science, nonlinear optical phenomena, and time-resolved investigations of matter at ultrashort timescales.

Scope: This symposium focuses on a core research area in photonics, addressing ultrafast laser physics, nonlinear optical processes, and advanced time-resolved techniques for studying materials, molecules, and complex systems. It attracts physicists, chemists, and engineers interested in both fundamental science and technological applications of ultrafast and nonlinear optics.

Topics of interest include, but are not limited to:

- Femtosecond and attosecond pulse generation and characterization
- High-harmonic generation (HHG) and extreme nonlinear optical processes
- Nonlinear optical crystals, waveguides, and engineered media
- Ultrafast spectroscopy of materials, nanostructures, and biomolecules
- Coherent control, light–matter interaction, and ultrafast dynamics

Applications: Research presented in this symposium is expected to contribute to a wide range of applications, including advanced material characterization, precision micromachining and laser processing, ultrafast spectroscopy, quantum control, and next-generation photonic technologies.

Symposium Organization Opportunity: Researchers with strong expertise in nonlinear optics, ultrafast lasers, or time-resolved spectroscopy are warmly invited to take an active role in the organization of this symposium. Interested participants may serve as Symposium Chair or Co-Chair, contribute to shaping the technical program, invite keynote and invited speakers, and lead focused scientific discussions at the forefront of ultrafast photonics.

How to Apply as Symposium Chair: Researchers who wish to organize or chair this symposium are kindly invited to contact the Conference Chair with a brief statement of interest, including their research background, proposed focus areas within the symposium scope, and potential invited speakers. All applications will be evaluated by the INTERPHOTONICS 2026 Organizing Committee.

Contact Information

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INTERPHOTONICS 2026 Website

<https://www.interphotonics.org>