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ISTCOPL

JUNE 17-18, 2027

PRAQUE

CZECH REPUBLIC

9th International Conference on

Optics, Photonics, and Lasers

June 17-18, 2027 | Prague, Czech Republic

E: laser-optics-2027@inovscitechconferences.com

<https://inovscitechconferences.com/2027/prague/lasoptpho/>

About Inov SciTech

InovSciTech is a conference, meetings, seminars, and workshops organizer which is focused on Clinical, Medical, Life Sciences, Engineering, and Technology. We promote the latest research, developments, and issues in the scientific community. It provides a platform for leading academic scientists, researchers, and research scholars to exchange and share their experiences and research results.

InovSciTech aims to support research brilliance through networking platforms and its mission is to encourage global communication, and collaboration, promote professional interaction and lifelong learning; recognize outstanding contributions of individuals and organizations. We believe in Inclusiveness and affirmative actions.

Who We Are

InovSciTech is specialized in organizing scientific conferences, meetings, and workshops internationally, to encourage networking and knowledge sharing, building and strengthening, discussing and demonstrating the technology by scientists, dynamic professors, ardent academicians, intellectual scholars, leaders, and research fellows.

What We Do

InovSciTech is involved in vitalizing and refining the knowledge of Science, Engineering & Technology to analyze the past, investigate the present and formulate a new form of applied science in the future. We provide the best content, an excellent delegate experience, exceptional networking opportunities with equally passionate professionals, and a great association to be in touch with people personally.

Mission

InovSciTech aim to create an ideal platform by promoting research by connecting scientists and researchers within and across disciplines at conferences and workshops that create an environment for information exchange, and the generation of new ideas and technologies in Science and technology.

Welcome Message!

The 9th International Conference on Optics, Photonics, and Lasers (ISTCOPL 2027) will take place from June 17–18, 2027, in Prague, Czech Republic. This prestigious gathering serves as a vital global forum for physicists, engineers, and industry pioneers to unveil the latest breakthroughs in light-based technologies and quantum science.

The conference content spans the full spectrum of fundamental research and commercial applications. Core tracks in optics delve into physical, geometrical, and adaptive optics, showcasing how advanced lens design and imaging systems evolve. The photonics sessions highlight major strides in silicon photonics, biophotonics, and optical communications, emphasizing high-speed data transmission and medical diagnostic devices. Meanwhile, the laser technology track covers high-power lasers, ultrafast laser spectroscopy, and precise laser material processing used in advanced manufacturing.

Over two intensive days, attendees will engage with a robust, peer-reviewed academic program. The agenda features visionary keynote addresses from global field leaders, alongside competitive oral presentations and dynamic poster sessions. Specialized technical workshops will tackle emerging frontiers, including quantum cryptography, meta-materials, and optical sensing for autonomous vehicles.

Beyond theoretical exchange, ISTCOPL 2027 bridges the gap between academic lab benches and industrial applications. Dedicated networking forums and industrial exhibitions allow delegates to cultivate international partnerships, share innovative testing methodologies, and spark collaborative research initiatives. Set in the historic city of Prague, the event offers a comprehensive and inspiring program engineered to drive the next generation of optical breakthroughs.

Scientific Sessions

- * Adaptive Optics and Wavefront Sensing
- * Guided-Wave Optics and Fiber Technologies
- * Metamaterials, Metasurfaces, and Nanophotonics
- * Silicon Photonics and Integrated Circuits
- * Optical Communications and Networking
- * Microwave Photonics and Terahertz Tech
- * Photovoltaics and Green Photonics
- * Ultrafast Lasers and Attosecond Science
- * Laser Material Processing and Manufacturing
- * Laser Spectroscopy and Chemical Sensing
- * Quantum Information and Cryptography
- * LIDAR and Autonomous Vehicle Vision
- * Optical Tweezers and Nanomanipulation
- * AI and Machine Learning in Photonics
- * Advanced Microscopy and Nanoscopy Techniques
- * Physical, Geometrical, and Quantum Optics
- * Nonlinear Optics and Multiphoton Phenomena
- * Fourier Optics and Optical Signal Processing
- * Lithography and Optical Systems Design
- * Biophotonics and Biomedical Imaging
- * Photonic Crystals and Quantum Dots
- * Neuromorphic Photonic Computing
- * High-Power Lasers and Plasma Physics
- * Fiber Lasers and Amplifiers
- * Solid-State, Gas, and Semiconductor Lasers
- * Laser Safety and Beam Diagnostics
- * Optical Sensing and Remote Detection
- * Holography and 3D Optical Display Tech
- * Micro-Optoelectromechanical Systems (MOEMS)
- * Space-Based Optical Communications

Meeting Agenda

June 17, 2027

08:00 - 09:00 Registrations
09:00 - 09:30 Opening Ceremony and Introduction
09:30 - 10:10 Keynote Speech -A
10:10 - 10:30 Refreshments
10:30 - 12:00 Keynote Speech -B
12:00 - 13:00 Speaker Session -A
13:00 - 13:50 Lunch
13:50 - 15:00 Speaker Session -B
15:00 - 15:20 Coffee Break
15:20 - 18:00 Speaker Session -C

June 18, 2027

09:00 - 09:30 Opening Ceremony and Introduction
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10:10 - 10:30 Refreshments
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For More Details:

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Email: laser-optics-2027@inovscitechconferences.com

Conference website: <https://inovscitechconferences.com/2027/prague/lasoptpho/>

Conference Sessions: <https://inovscitechconferences.com/2027/prague/lasoptpho/topics>

Abstract Submission Link: <https://inovscitechconferences.com/2027/prague/lasoptpho/abstract-submission>

Registration Link: <https://inovscitechconferences.com/2027/prague/lasoptpho/registration>