

3rd International Conference on Optics, Photonics & Lasers

September 14-16, 2026 | Tokyo, Japan

OPL 2026 — TENTATIVE CONFERENCE PROGRAM

DAY 1 - September 14, 2026

09:00 – 09:30	Title: Registrations
09:30 – 10:00	Title: Opening Ceremony
KEYNOTE FORUM	
10:00 – 10:30	Title: Advances in VCSEL Photonics, 3D Optical Sensing and LiDAR Prof. Fumio Koyama , Institute of Science Tokyo, Japan
10:30 – 11:00	Title: Quantum Optics, Quantum Information and the Future of Quantum Photonics Prof. Franco Nori , RIKEN, Japan
11:00 – 11:15	Title: Coffee Break
11:15 – 11:45	Title: Intelligent Photonics for Optical Communications, Perception and Optical Chips Prof. Yang Yue , Xi'an Jiaotong University, China
11:45 – 12:15	Title: Optical Fiber Sensing and Practical Photonic Technologies Dr. Edgar Mendoza , Redondo Optics, USA
12:15 – 12:30	Title: Optical Singularity, Beam Shaping and Holographic Imaging Dr. Sushanta Kumar Pal , Chiba University, Japan
TECHNICAL SESSIONS	
12:30 – 12:50	Title: Metasurfaces and Nanophotonic Structures for Advanced Light Control Prof. Wenshan Cai , Georgia Institute of Technology, USA
12:50 – 13:10	Title: Optical Fiber Sensing Technology and Intelligent Sensing Systems Prof. Xuping Zhang , Nanjing University, China
13:10 – 14:10	Title: Lunch Break
WORKSHOP	
14:10 – 15:00	Title: Practical Applications of Laser Systems and Optical Instrumentation
TECHNICAL SESSIONS	
15:00 – 15:20	Title: Holographic Displays, Computer-Generated Holograms and 3D Optical Imaging Prof. Hiroshi Yoshikawa , Nihon University, Japan
15:20 – 15:40	Title: Laser–Matter Interaction and Emerging Laser Technologies Dr. Gregory J. Quarles , Applied Energetics Inc. / The Optical Society, USA
15:40 – 16:00	Title: Reliability and Risk Analysis of Photonic Materials, Devices and Systems Prof. Ephraim Suhir , UCLA Risk Analysis Institute, USA
16:00 – 16:15	Title: Coffee Break
16:15 – 16:35	Title: Optical Metrology and Precision Measurement Technologies Dr. Martijn Boerkamp , inPhocal, Netherlands
16:35 – 16:55	Title: Advanced Laser and Photonic Manufacturing: Emerging Industrial Directions
16:55 – 17:15	Title: Integrated Photonics and Chip-Scale Optical Technologies
17:15 – 17:30	Title: Networking & Day 1 Closing Remarks
19:00 – 21:00	Title: Conference Networking Dinner

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DAY 2 September 15, 2026

09:00 – 09:30	Title: Morning Coffee & Networking
KEYNOTE FORUM	
09:30 – 10:00	Title: Emerging Trends in Optoelectronics and Smart Optical Systems Prof. Hiroshi Yoshikawa , Nihon University, Japan
10:00 – 10:30	Title: Optical Materials, Metaphotonics and Next-Generation Light Control Prof. Wenshan Cai , Georgia Institute of Technology, USA
10:30 – 11:00	Title: Quantum Photonics, Computing and Communication Prof. Franco Nori , RIKEN, Japan
11:00 – 11:15	Title: Coffee Break
TECHNICAL SESSIONS	
11:15 – 11:35	Title: Optical Communications and High-Speed Photonic Devices
11:35 – 11:55	Title: 3D Optical Sensing and LiDAR with VCSEL Photonics Prof. Fumio Koyama , Institute of Science Tokyo, Japan
11:55 – 12:15	Title: Optical Fiber Sensors for Structural Health and Biotechnology Dr. Edgar Mendoza , Redondo Optics, USA
12:15 – 12:35	Title: Beam Shaping, Holography and Advanced Optical Imaging Dr. Sushanta Kumar Pal , Chiba University, Japan
12:35 – 13:05	Title: Intelligent Photonics and Optical Chip Technologies Prof. Yang Yue , Xi'an Jiaotong University, China
13:05 – 14:05	Title: Lunch Break
WORKSHOP	
14:05 – 14:35	Title: Practical Applications of Laser Systems and Optical Instrumentation
14:35 – 14:55	Title: Optical Sensing and Photonic Instrumentation for Industrial Applications Prof. Xuping Zhang , Nanjing University, China
TECHNICAL SESSIONS	
14:55 – 15:15	Title: Integrated Photonics: Devices, Systems and Emerging Applications
15:15 – 15:35	Title: Laser Manufacturing and Precision Optical Fabrication
15:35 – 15:55	Title: Optical Inspection, Metrology and Quality Control
15:55 – 16:10	Title: Coffee Break
16:10 – 16:30	Title: Photonic Technologies for Healthtech and Medical Diagnostics
16:30 – 16:50	Title: Optical Security, Encryption and Secure Photonic Systems
16:50 – 17:10	Title: Emerging Photonics for Energy, Illumination and Sustainable Technologies
17:10 – 17:30	Title: Networking and Award Ceremony
17:30 – 17:45	Title: Closing Ceremony

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DAY 3 September 16, 2026

09:00 – 09:30	Title: Morning Coffee & Networking
KEYNOTE FORUM	
09:30 – 10:00	Title: The World of Quantum Photonics and Next-Generation Technologies Prof. Franco Nori , RIKEN, Japan
10:00 – 10:30	Title: Metaphotonics and Intelligent Optical Systems Prof. Wenshan Cai , Georgia Institute of Technology, USA
10:30 – 11:00	Title: Future Directions in Optical Communications and Photonic Integration Prof. Yang Yue , Xi'an Jiaotong University, China
11:00 – 11:15	Title: Coffee Break
TECHNICAL SESSIONS	
11:15 – 11:35	Title: Optical Fiber Sensing and Advanced Interrogation Systems Dr. Edgar Mendoza , Redondo Optics, USA
11:35 – 11:55	Title: Optical Fiber Sensing Technology and Networked Applications Prof. Xuping Zhang , Nanjing University, China
11:55 – 12:15	Title: VCSEL Photonics, 3D Sensing and LiDAR Prof. Fumio Koyama , Institute of Science Tokyo, Japan
12:15 – 12:35	Title: Holographic Display and Computer-Generated Optical Systems Prof. Hiroshi Yoshikawa , Nihon University, Japan
12:35 – 13:05	Title: Plasmonics, Nanophotonics and Advanced Light–Matter Interaction
13:05 – 14:05	Title: Lunch Break
SPECIAL SESSION	
14:05 – 15:00	Title: The Future of Photonics in Industry and Research Integration
15:00 – 16:00	Title: Poster & Research Presentation Session
16:00 – 16:30	Title: Young Researcher & Student Presentation Session
16:30 – 17:00	Title: Best Poster / Best Presentation Awards
17:00 – 18:00	Title: Closing Ceremony & Certificate Distribution

**MEETINGS ERA**
CONFERENCES
MEET | NETWORK | EXPLORE

Bringing Researchers Together
for a Brighter Tomorrow

4th International Conference on Optics, Photonics & Lasers

OPL 2027

 June 14 – 15, 2027 |  Barcelona, Spain

Theme: Light-Driven Innovations for a Smarter, Sustainable and Connected Future

LASER SCIENCE

PHOTONIC TECHNOLOGIES

NANOPHOTONICS & METAMATERIALS

OPTICAL COMMUNICATIONS

BIOPHOTONICS & IMAGING

INDUSTRIAL APPLICATIONS

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