

International Conference on Photonics, Optics and Laser Technology

Theme: Exploring the new Future Technologies in Laser, Optics and Photonics



March 17, 2023

CST: 09:00 AM
EST: 10:00 AM
GMT (London): 03:00 PM
MSK (Russia): 06:00 PM
CST (China): 11:00 PM

Scientific Program

March 17, 2023

Time Zone (GMT)	GMT: 02:00 PM CDT: 09:00 AM EDT: 10:00 AM
02:00-02:10	Introductory Remarks
02:10-02:35 (Keynote)	<p>Creating Micro-Opto-Electro-Mechanical Systems for nano-optic, nano-photonics, nano-plasmonics by 3D mechanical bottom up nano-manipulation and nano-assembling using shape memory alloy nanogripper</p> <p>Victor V. Koledov, Kotelnikov Institute of Radioengineering and Electronics, Russia</p>
02:35-03:00	<p>Preparation of Polymer Electrolyte for Electrochromic Glass Using Ultrasonic Spray Deposition</p> <p>Chi-Ping Li, National United University, Taiwan</p>
03:00-03:25 (Plenary)	<p>Optical Wavefront Engineering Using Dynamically Reconfigurable Metasurfaces</p> <p>Ali Adibi, Georgia Institute of Technology, USA</p>
03:25-04:05 (Plenary)	<p>The fundamental theory of Finite Natural Numbers</p> <p>Ben Campbell Biezanek, GNQR, UK</p>
04:05-04:30	<p>Exploring the new Future Technologies in Laser, Optics and Photonics: Case Laser Powder Bed Fusion and its future</p> <p>Heidi Piili, University of Turku, Finland</p>
04:30-04:55 (Plenary)	<p>Small size, ultra-low phase noise photonic microwave oscillators at 10-40 GHz</p> <p>Jiang Li, hQphotonics, USA</p>
04:55-05:20 (Plenary)	<p>The Shape of carbom makes a difference: Sheets versus tubes versus spheres</p> <p>Thomas Webster, Northeastern University, USA</p>
05:20-05:45	<p>Validation of MR imaging of small blood vessels using optical imaging in a mouse mode</p> <p>Jun Hua, Johns Hopkins University School of Medicine, USA</p>
05:45-06:10	<p>Design, simulation, and fabrication of smart eyeglasses with tunable focal length based on liquid crystals</p> <p>Farid Khoshkhati, University of Tehran, Iran</p>
06:10-06:35	<p>Diffraction Optics used as Optical References for LIDAR system calibration</p> <p>Paolo Batoni, Broadcom Inc. (Micro Optics), USA</p>
06:35-07:00	<p>Symmetry-protected third-order exceptional points in staggered flatband rhombic lattices</p> <p>Yingying Zhang, Henan Normal University, China</p>
07:00-07:25	<p>Modeling and design of GaN-based UV-C light photodetectors extended to cubic phase and alloys</p> <p>Carlos A. Hernandez-Gutierrez, ITTG, México</p>
07:25-07:30	ENDING STATEMENT