



LOPFORUM2023

International Forum on Lasers, Optics and Photonics

March 13-14, 2023 | Virtual Conference

lopforum2023@continuumforums.com
<https://www.continuumforums.com/2023/lopforum>

Day 1 March - 13, 2023

Time Zone EST	Speaker's Local Time		
8:00-08:10	EST	Chair	Introduction & Opening Words Honorary Speech by Chair: Alex R Kazemi
08:10-08:50	EST	Plenary	Title: Fiber optic Sensing Systems for Aerospace and Aviation Applications Alex Kazemi, ARK International LLC, USA
08:50-09:30	EST	Plenary	Title: Pushing Higher Data Rates through Optical Fiber Systems by Combining Different Multiplexing and Modulation Techniques Syed Murshid, Florida Institute of Technology, USA
09:30-10:00	EST	Keynote	Title: Title: Lasers, Optics and Photonics Brian J Soller, CTO at Luna Innovations, USA
10:00-10:30	EST	Keynote	Title: New Developments in the Detection and Treatment of Amblyopia using Optical Technologies Boris Gramatikov, Johns Hopkins University, USA
10:30-11:00	EST	Keynote	Title: Quantum Dot Semiconductor Amplifiers and Their Application to High-Speed Optical Logic Systems Niloy Dutta, University of Connecticut, USA
11:30-12:00	EST	Keynote	Title: Scanning Probe Microscopy Measurements of Photonic Devices Dayan Ban, University of Waterloo, Canada
12:00-12:40	EST	Plenary	Title: Advanced Fiber Optic Sensors for Applications Where Weight, Size, and Power are Critical for Operations Edgar A Mendoza, Redondo optics, USA
12:40-13:00	EST	Invited	Title: Phase Imaging of Retinal Microstructures Mircea Mujat, Physical Sciences Inc, USA
13:00-13:20	EST	Invited	Title: New Advancements in Using High-resolution Optical Imaging for Guiding Skin Cancer Therapy Nicusor Iftimia, Physical Sciences Inc, USA
13:20-13:40	EST	Invited	Title: Simulating the Propagation of Photons and High Energy Ions through Ordered Nanostructures Oomman K. Varghese, University of Huston, USA
13:40-14:00	EST	Invited	Title: Title: Lasers, Optics and Photonics Ella Faktorovich, University of California, Berkeley, USA
14:00-14:20	EST	Invited	Title: Laser Integration on Photonic Integrated Circuits for Communication, Sensing, and AR/VR Application Lei Wang, UC Santa Barbara, USA
14:20-14:40	EST	Invited	Title: Title: Lasers, Optics and Photonics Hrishikesh Das, Pacific Northwest National Laboratory, USA

14:40-15:00	EST	Invited	Title: Title: Lasers, Optics and Photonics Lily Sigg, University of Central Florida, USA
15:00-15:20	EST	Invited	Title: Title: Lasers, Optics and Photonics Imteaz Rahman, Texas State University, USA
15:20-15:40	EST	Invited	Title: Title: Lasers, Optics and Photonics Jack V. Greiner, Harvard Medical School, USA
15:40-16:10	EST	Keynote	Title: Title: Lasers, Optics and Photonics Sihong Wang, The University of Chicago, USA

Closing the conference for Day 1

Day 2 March - 14, 2023

Beijing Time Zone (GMT+8)	Speaker's Local Time		
10:00-10:40	Beijing Time	Plenary	Title: Method and Applications of 3D Human Joint Extraction Using Infrared Time-of-Flight Depth Camera Yang Yue, Xi'an Jiaotong University, China
10:40-11:00	Beijing Time	Invited	Title: Sampling and Reconstruction of Integrated Neural Networks for Photon Counting Single-Pixel Imaging Qirong Yan, Nanchang University, China
11:00-11:30	Beijing Time	Keynote	Title: Design of the Networked Objective Optometer for Vision Screening Biao Chen, Zhejiang University, China
11:30-11:50	Beijing Time	Invited	Title: Lasers, Optics and Photonics Rong-Jun Xie, Xiamen University, China
11:50-12:10	Beijing Time	Invited	Title: Lasers, Optics and Photonics Yiwei Dong, Xiamen University, China
12:10-12:30	Beijing Time	Invited	Title: Lasers, Optics and Photonics Xiong Zhao, China Academy of Engineering Physics, China
12:30-12:50	Beijing Time	Invited	Title: Lasers, Optics and Photonics Yu Luo, Nanyang Technological University, Singapore
12:50-13:10	10:20am (IST)	Invited	Title: Four and Two C-Band Channel Using Multi Silicon Nitride MMI Configuration Kamal Nain Chopra, Maharaja Agrasen Institute of Technology, Laser Science and Technology Centre, India
13:10-13:30	8:30am (Iran)	Invited	Title: Construction of Binary Self-Dual Codes from 4-Class Association Schemes Avaz Naghypour, University College of Nabi Akram, Iran
13:30-13:50	Beijing Time	Invited	Title: Lasers, Optics and Photonics Ching-Hung Chang, National Chiayi University, Taiwan

13:50-14:20	Beijing Time	Keynote	Title: Ultra-precision Polishing Technology for Micro Structured Surfaces Jiang Guo, Dalian University of Technology, China
14:20-14:20	Beijing Time	Invited	Title: Fiber Optical Ultrasound Sensing Arrays Jianguo Ma, Beihang University, China
14:20-14:50	8:20am (Israel)	Keynote	Title: Four and Two C-Band Channel Using Multi Silicon Nitride MMI Configuration Dror Malka, Holon Institute of Technology (HIT), Israel
14:50-15:10	8am (Italy)	Invited	Title: QEPAS-Based Sensors for Direct and Indirect Greenhouse Gases Detection Marilena Giglio, University of Bari, Italy
15:10-15:40	5:30pm (Australian Time)	Keynote	Title: An Open Label Study of Photo Bio Modulation Followed by Autologous Fibroblast Transplantation for Healing Grade 3 Burn Wounds in Diabetic Patients Nooshafarin Kazemikhoo, University of New South Wales, Australia
15:40-16:20	12:40pm (IST)	Plenary	Title: Low-Power Deep Optogenetic Control of the Brain and Heart with Light Sukhdev Roy, Dayalbagh Educational Institute, India
16:20-16:50	8:40am (London Time)	Keynote	Title: Interferometric Measurement of Shape, Strain and Pressure for Aerospace Applications Stephen James, Cranfield University, UK
16:50-17:20	9:10 am (London Time)	Keynote	Title: Distributed Acoustic Sensing with Optical Fibers: Fundamentals and Applications Ali Masoudi, University of Southampton, UK
17:20-17:40	11:20am (Sofia, Bulgaria Time)	Invited	Title: State-Of-the-Art in Development of Thin Film Based Optical Sensors for Environmental Monitoring of Humidity Katerina Lazarova, Institute of Optical Materials and Technologies, "Acad. J. Malinowski", Bulgaria
17:40-18:00	11:00am (Italy Time)	Invited	Title: Quartz Tuning Fork as Infrared Photodetector in Tunable Diode Laser Absorption Spectroscopy Andrea Zifarelli, University of Bari, Italy
18:00-18:20	12:20pm (Latvia Time)	Invited	Title: Study of Polychromatic UV Light Sources for Disinfection Gita Revalde, University of Latvia, Latvia
18:20-18:40	11:40am (Italy Time)	Invited	Title: Disordered and Ordered Microlasers Neda Ghofraniha, National Council of Research, Italy
18:40-19:00	12:00pm (France Time)	Invited	Title: Near-Field Photochemical Imaging of Chiral Nanostructures Thinhinane AOUDJIT, University of Technologies of Troyes, France
19:00-19:20	12:20pm (Spain Time)	Invited	Title: Optical and Deep-brain Interface to Measure Neural Activity Estefania Hernandez-Martin, University of La Laguna, Spain

19:20-19:40	1:40pm (South Africa Time)	Invited	Title: Application of LIBS to Study the Elemental Composition between Organic and Genetically Modified Plants Elvis Moyo, North-West University, South Africa
19:40-20:00	1:00pm (Algeria Time)	Invited	Title: Structural and Optical Properties of YPO₄:Pr³⁺/ Polystyrene Luminescent-Polymer Nanocomposite Films Kahouadji Badis, Abderrahmane Mira University of Bejaia, Algeria
20:00-20:20	12pm (London Time)	Invited	Title: Laser Therapy in Sports Medicine Nikos Malliaropoulos, Sports Clinic, Mile End Hospital, Bart's, and the London, UK
20:20-20:40	1:40 pm (Italy Time)	Invited	Title: Lasers, Optics and Photonics Mario De Cesare, Italian Aerospace Research Center, Italy
20:40-21:00	12:40pm (London Time)	Invited	Title: Material Science Shortcuts to Enable Low-power Laser Manufacturing Jose Marques-Hueso, Heriot-Watt University, UK
Closing the conference for Day 2			
End of the LOPFORUM2023			

UPCOMING CONFERENCE

International Forum on Lasers, Optics, and Photonics
June 20-22, 2024 | Porto, Portugal

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