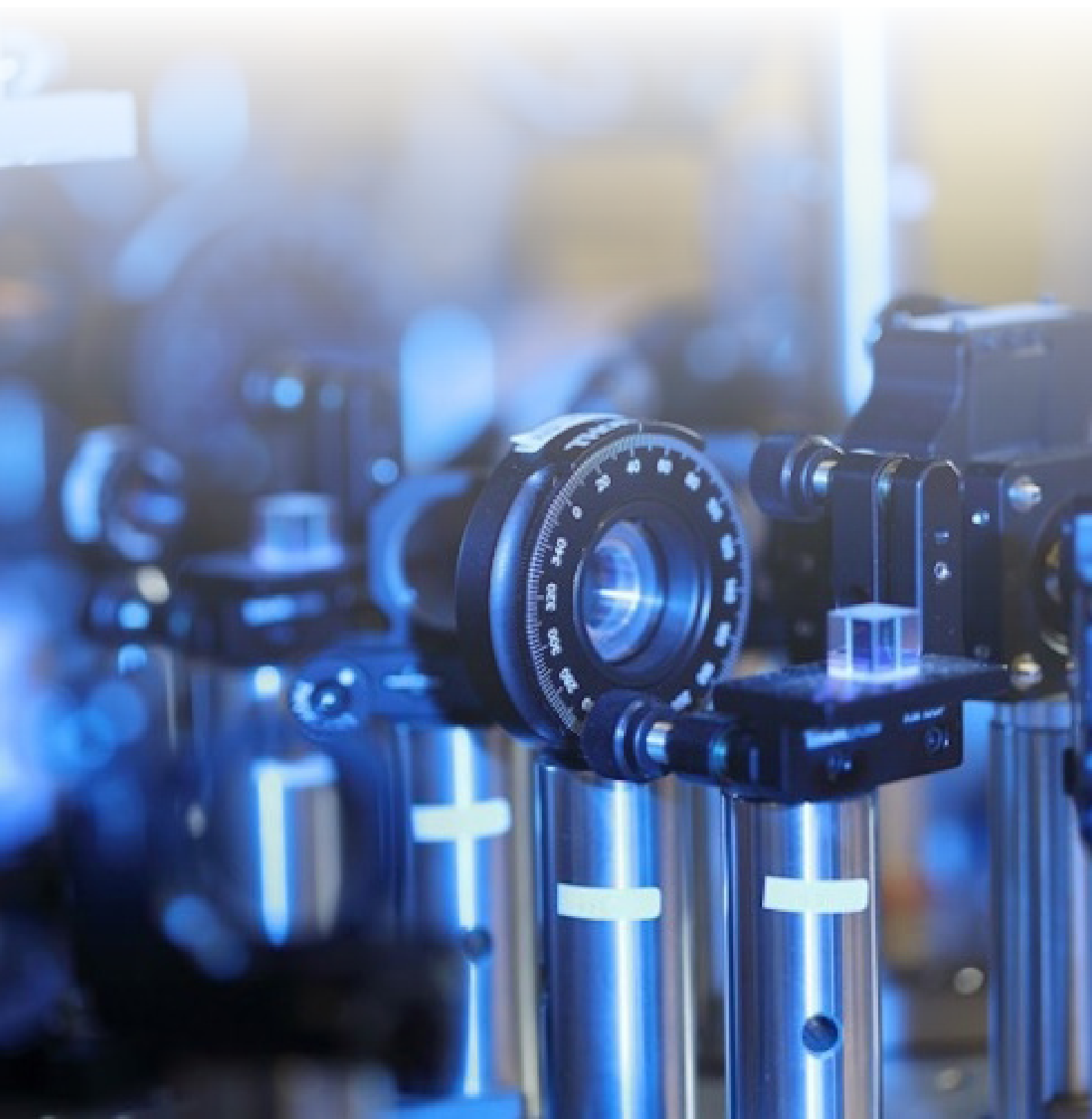


11th International Conference and Exhibition on

Lasers, Optics & Photonics

October 07-09, 2019 | Chicago, USA



Title: Bismuth-Based Optical Frequency Comb Source

Yutaka Fukuchi

Tokyo University of Science, Japan

Title: Innovative technologies in fiber optics hydrogen sensor detection system for space applications

Alex A Kazemi

The Boeing Co, USA

Title: Non-Markovian entanglement dynamics of open quantum system with continuous measurement feedback

Wei Jiang

Applied Optics Beijing Area Major Laboratory, China

Title: InAs/InP Quantum Dot Lasers and Applications in Data Center

Jiaren Liu

National Research Council, Canada

Title: Young's double-slit interference with nondegenerate biphotons

Jun Xiong

Applied Optics Beijing Area Major Laboratory, China

Title: On-glass/flexible GaN light-emitting diodes and blue light enhancement in CdS/ZnS quantum dots by surface plasmon resonance

Jun Hee Choi

Samsung Advanced Institute of Technology, South Korea

Title: On-chip quantum frequency combs for scalable quantum state generation

Roberto Morandotti

Institut national de la recherche scientifique (INRS-EMT), Canada

Title: Laser beam shaping by manipulating spatial coherence

Milo W. Hyde IV

Air Force Institute of Technology, USA

Title: Flexible optoelectronic devices based on inorganic nanowires

Maria Tchernycheva

Institut d'Electronique Fondamentale of University Paris-Sud, France

Title: Numerical simulation of Raman scattering in biological tissues

Alexey Seteikin

Amur State University, Russia

Title: Recent Advances in High Power Optically Pumped Semiconductor Lasers

Yanbo Bai

Coherent Inc., USA

Title: Laser-induced Plasma Spectroscopic Analysis of Nanosamples

Sania Saleem

Institute of Space Technology, Pakistan

Title: Solution-Processed Organometallic Halide Perovskites for Next Generation Solar Photovoltaics

Bin Yang

Center for Nanophase Materials Sciences, USA

Title: Single-Mode Terahertz Lasing in Current-Injection Graphene-Channel Transistor

Taiichi Otsuji

Tohoku University, Japan

Title: Design and Implement of 1064 nm Ytterbium Doped Fiber Laser Source

Shien-Kuei Liaw

National Taiwan University of Science and Technology, Taiwan

Title: Demonstration of Local Teleportation Using Classical Entanglement

Marco Ornigotti

Friedrich Schiller University, Germany

<p>Title: Laser Terahertz Emission Microscope Masayoshi tonouchi <i>Osaka University, Japan</i></p>
<p>Title: Spawning Rings of Exceptional Points out of Dirac Cones Bo Zhen <i>Massachusetts Institute of Technology, USA</i></p>
<p>Title: Modular Research and Prototyping Tool for Optical Wireless Asaad Kaadan <i>University of Oklahoma, USA</i></p>
<p>Title: Intracavity absorption spectroscopy with home-made fiber lasers applied to sensitive, time-resolved and broadband measurements in shock tubes and electric discharges Peter Fjodorow <i>University of Duisburg-Essen, Germany</i></p>
<p>Title: Short pulsed fiber laser pumped mid-IR optical parametric sources Lin Xu <i>Optoelectronics Research Centre, University of Southampton, UK</i></p>
<p>Title: High-power Pulsed Semiconductor Lasers Robert Bedford <i>Air Force Research Laboratory, USA</i></p>
<p>Title: Magneto electric fields: Probing the material chirality Eugene Kamenetskii <i>Ben Gurion University of the Negev, Israel</i></p>
<p>Title: Multicolor Focusing Using Variable-Slot-Width Plasmonic Gratings David Cardimona <i>Air Force Research Laboratory, USA</i></p>
<p>Title: Digital Alloy Growth of AlInAsSb for Low Noise Avalanche Photodetectors Seth Bank <i>University of Texas at Austin, USA</i></p>
<p>Title: Optics and Photonics Research Programs Funded by the U.S. National Science Foundation (NSF) Dominique M. Dagenais <i>National Science Foundation, USA</i></p>
<p>Title: Interband Cascade Lasers Jerry R. Meyer <i>Naval Research Laboratory, USA</i></p>
<p>Title: Freeform Optics for LED Illumination and Beam Shaping Rongguang Liang <i>University of Arizona, USA</i></p>
<p>Title: Flat and conformal optics with dielectric metasurfaces Andrei Faraon <i>California Institute of Technology, USA</i></p>
<p>Title: Comparison of the Alendronate and Irradiation With a Light-emitting Diode (LED) on Murine Osteoclastogenesis WonBong Lim <i>Chosun University, South Korea</i></p>
<p>Title: Laser frequency locking with 46 GHz offset using an electro-optic modulator for magneto-optical trapping of francium atoms Ken-ichi Harada <i>Cyclotron and Radioisotope Center (CYRIC), Tohoku University, Japan</i></p>
<p>Title: Super wide luminescence and super radiance of Al_xGa_{1-x}N under optical and e-beam pumping P.A. Bokhan <i>A.V. Rzhanov Institute of Semiconductor Physics, Russia</i></p>

<p>Title: Optical Phased Array Propagation in Atmospheric Channels and Coherent Beam Combining Itay Naeh <i>School of Physics and Astronomy, Tel-Aviv University, Israel</i></p>
<p>Title: Evanescent-wave-coupled optical light beam deflector with symmetrical structure Hideaki Okayama <i>Oki Electric Industry Co., Ltd, Japan</i></p>
<p>Title: Towards visible-spectral-range photocatalytic thin films Jones Alami <i>INI Coatings Ltd, Germany</i></p>
<p>Title: Laser microstructuring glass materials: Microoptics and biomedical applications Daniel Nieto García <i>University of Santiago de Compostela, Spain</i></p>
<p>Title: Functionalized carbon nanotubes for monitoring dual-drug release in tumor cells using SERS and fluorescence techniques Peng Chen <i>Advanced Photonics Center, Southeast University, China</i></p>
<p>Title: Label-Free Detection and Serotyping of Salmonellae by Surface Enhanced Raman Spectroscopy with Immunomagnetic Separation Bosoon Park <i>United States Department of Agriculture, Agricultural Research Service, USA</i></p>
<p>Title: Crystal growth-based methods used for manufacturing of volumetric novel photonic materials as plasmonic nanomaterials, metamaterials Dorota A. Pawlak <i>Institute of Electronic Materials Technology, Poland.</i></p>
<p>Title: Producing, Characterizing and Modelling Nanostructured Surfaces with complex visual appearance Renee Charriere <i>National Institute of Standards and Technology, USA</i></p>
<p>Title: Detection of diseases in citrus plants using fluorescence spectroscopy Luis Gustavo Marcassa <i>University of São Paulo, Brazil</i></p>
<p>Title: Tandem Modulation for W-Band OCDMA Radio-over-Fiber System Morad Khosravi Eghbal <i>University of Texas at San Antonio, USA</i></p>
<p>Title: Spectroscopic studies on Er³⁺-doped Al(PO₃)₃-BaF₂-SrF₂ fluorophosphate glasses K. Ling-ann <i>Korea Photonics Technology Institute (KOPTI), South Korea</i></p>
<p>Title: Thermal and mechanical properties of TeO₂ based glasses Jung H. In <i>Optical Lens Research Center, South Korea</i></p>
<p>Title: Cryogenic Optical Refrigration of Yb:LuLiF crystal Biao Zhong <i>State Key Laboratory of Precision Spectroscopy, China</i></p>
<p>Title: In vivo imaging of skin blood flow by the laser speckle technique with optical clearing agent B Chen <i>State Key Laboratory of Multiphase Flow in Power Engineering, China</i></p>
<p>Title: Laser-processed diffractive optics for terahertz waves Irmantas Kasalynas <i>Center for Physical Sciences and Technology, Lithuania</i></p>

Title: Engineering the Quantum Era: Breaking spectral barriers for photonics

Manijeh Razeghi

Center for Quantum Devices, USA

Title: Generation of single-frequency lasers and nonclassical states at 1.5 μm

Kuanshou Zhang

State Key Laboratory of Quantum Optics and Quantum Optics Devices, China

Title: Detecting temporal signal via second order correlation: achieve fast signals via a slow detector and more

Wei-Tao Liu

National University of Defense Technology, China

Title: Intra-pixel Response Test Method For High Encircled Energy Infrared Detector

Fansheng Chen

ShangHai Institute of Technical Physics of CAS, China

Title: New color centers in diamonds: prospects of application

Kirill Boldyrev

Institute of spectroscopy of the Russian Academy of Sciences, Russian Federation

Title: InP-based InGaAs(Bi,P) materials and optoelectronic devices

Yi Gu

Shanghai Institute of Microsystem and Information Technology, China

Title: Tandem Modulation for W-Band OCDMA Radio-over-Fiber System

Morad Khosravi Eghbal

University of Texas at San Antonio , USA

Title: Quantum Cascade Lasers Integrated on Silicon

Jerry R. Meyer

Naval Research Laboratory USA

Title: Inexpensive Method for Wafer Size Laser Scribing of Arbitrary Patterns

Goran Rasic

North Carolina Central University, USA

15 Speakers slots available



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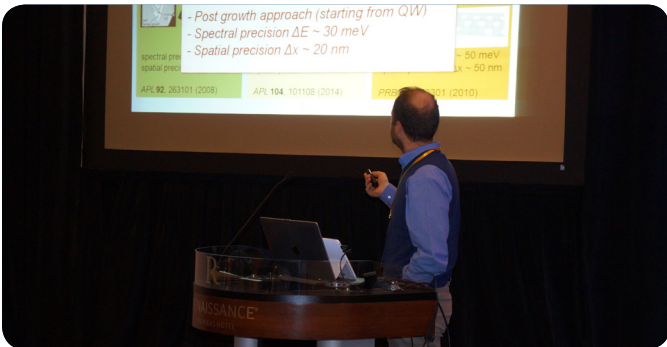
PROGRAM @ GLANCE

Day 1 October 07, 2019	
Opening Ceremony	
Plenary & Keynote Speeches (09:00-11:30)	
Networking and Refreshments Break	
Group Photo	
Speaker Session I (11:30-13:00)	Laser Systems Optical Physics
	Panel Discussion
Lunch Break	
Speaker Session II (13:00-16:00)	Optoelectronics Optical Fiber
	Panel Discussion
Networking and Refreshments Break	
Speaker Session III (16:00-18:00)	Optical Communications and Networking Optical Metrology
	Panel Discussion
Day 1 concludes...	
Day 2 October 08, 2019	
Plenary & Keynote Speeches (09:00-11:30)	
Networking and Refreshments Break	
Group Photo	
Speaker Session I (11:30-13:00)	Optics and Lasers in Medicine Advancements in Photonics
	Panel Discussion
Lunch Break	
Speaker Session II (13:00-16:00)	Technologies & Applications in Lasers, Optics and Photonics
	Panel Discussion
Networking and Refreshments Break	
Speaker Session III (16:00-18:00)	Nanophotonics and Biophotonics Surface Enhanced Spectroscopy (SES)
	Panel Discussion
Day 2 concludes...	
Day 3 October 09, 2019	
Plenary & Keynote Speeches (09:00-11:30)	
Networking and Refreshments Break	
Speaker Session I (11:30-13:00)	Quantum Science and Technology
	Panel Discussion
Lunch Break	
Speaker Session II (13:00-16:00)	Fiber Laser Technology
	Panel Discussion
Networking and Refreshments Break	
Speaker Session III (16:00-18:00)	Poster Presentations
	Best Poster Award Distribution
Day 3 concludes...	

WHAT YOU CAN EXPECT



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