



4th Global Summit & Expo on  
**Laser Optics & Photonics**

April 15-16, 2019 in Dubai, UAE

<b>Day 1 April 15, 2019</b>	
<b>MainHall</b>	
<b>08:30-09:30</b>	<b>Registrations</b>
<b>09:30-09:35</b>	<b>Introduction</b>
<b>09:35-10:00</b>	<b>Opening Ceremony</b>
<b>Chair</b>	<b>Xi-Cheng Zhang, University of Rochester, United States of America.</b>
<b>10:00-10:15</b>	<b>Honory Speech</b>
<b>Plenary Session</b>	
<b>10:15-10:55</b>	<b>Title:</b> Mission Impossible: Generation of THz Wave from Liquid Water <b>Xi-Cheng Zhang, University of Rochester, United States of America</b>
<b>10:55-11:35</b>	<b>Title:</b> How to increase Q factor in system of dielectric particles. Bound states in the Continuum <b>Almas F Sadreev, Kirensky Institute of Physics, Russia</b>
<b>11:35-11:50 Coffee Break</b>	
<b>11:50-12:30</b>	<b>Title:</b> Broadband mid-infrared Detection based Si Technology <b>Ching-Fuh Lin, National Taiwan University, Taiwan</b>
<b>Keynote Session</b>	
<b>12:30-13:00</b>	<b>Title:</b> Quantum Dot Nanowires for Single Photon Sources <b>Sofiane Haffouz, The National Research Council of Canada, Canada</b>
<b>13:00-13:05 Group Photo</b>	
<b>13:05-14:00 Lunch Break</b>	
<b>14:00-14:30</b>	<b>Title:</b> Generation and Application Possibilities of THz Pulses with Extremely High Field Strength <b>Janos Hebling, University of Pécs, Hungary</b>

<b>14:30-15:00</b>	<b>Title:</b> Donor-Acceptor Fluorescent Molecules for Optoelectronic and Biomedical Applications
	<b>Atul Goel, Central Drug Research Institute, India</b>
<b>Invited Session</b>	
<b>Session Chair</b>	<b>Montasir Qasymeh, Abu Dhabi University, United Arab Emirates.</b>
<b>15:00-15:25</b>	<b>Title:</b> Graphene Structures for Terahertz Wave Manipulation and Amplification
	<b>Montasir Qasymeh, Abu Dhabi University, United Arab Emirates</b>
<b>15:25-15:50</b>	<b>Title:</b> Single-Cycle Carrier Envelope Phase Stable Attosecond Pulse Generation based on Radiation of Nanobunched Electron beam.
	<b>György Tóth, The University of Pécs, Hungary</b>
<b>15:50-16:15</b>	<b>Title:</b> Liquid Crystal Micro-lens Arrays and Some Applications
	<b>Kun Li, University of Cambridge, United Kingdom</b>
<b>16:15-16:30 Coffee Break</b>	
<b>16:30-16:55</b>	<b>Title:</b> Unguided Optical Communication System in Highly Attenuated Environment
	<b>Ehab Salah Eldeen Hashiem, Menoufia University, Egypt</b>
<b>16:55-17:20</b>	<b>Title:</b> Laser Induced Forward Transfer of Inorganic materials for Flexible Electronic Components and Sensors
	<b>Ioanna Zergioti, National Technical University of Athens, Greece</b>
<b>17:20-17:45</b>	<b>Title:</b> Optical Metrology by Dynamic Speckle Analysis – Algorithms, Quality Enhancement and Applications
	<b>Elena Stoykova, Bulgarian Academy of Sciences, Bulgaria</b>
<b>17:45-18:10</b>	<b>Title:</b> High Sensitive Trace Gas Detection based on Quartz-enhanced Photoacoustic Spectroscopy
	<b>Yufei Ma, Harbin Institute of Technology, China</b>
<b>18:10-18:35</b>	<b>Title:</b> Light Propagation Analysis for Optical Surface Shape Design with Shape Parameters
	<b>Daisuke Barada, Utsunomiya University, Japan</b>
<b>18:35-19:00</b>	<b>Title:</b> Unguided Optical communication Limitations in Transmission Levels for different areas Network Applications
	<b>Ehab Salah Eldeen Hashiem, Menoufia University, Egypt</b>

19:00-19:25	<b>Title:</b> Healthy Nutrition for Healthy Eye for getting Healthy Optic
	Rosa Lelyana , Diponegoro University, Indonesia
<b>Panel Discussion</b>	
<b>Day 2 April 16, 2019</b>	
<b>MainHall</b>	
<b>Plenary Session</b>	
10:00-10:40	<b>Title:</b> Digital Holographic Interferometry for Analyzing 2D and 3D Unsteady Flows
	Jean Michel Desse, ONERA, France
10:40-11:20	<b>Title:</b> Coherent Short-Wavelength Radiation Generation in Laser-produced Plasmas: Perspectives
	Rashid Ganeev, Voronezh State University, Russian Federation
11:20-11:35	<b>Coffee Break</b>
<b>Keynote Session</b>	
11:35-12:05	<b>Title:</b> Wearable Sensors based on Nanopatterned Contact Lenses
	Haider Butt, The University of Birmingham, United Kingdom
12:05-12:35	<b>Title:</b> High Refractive Index Dielectric Nanoantennas: A Novel Way to Control Light-matter Interaction
	Pablo Albella Echave, University of Cantabria, Spain
12:35-13:35	<b>Lunch Break</b>
13:35-14:05	<b>Title:</b> Optically Engineering Tunable Attenuators
	Jorge Ojeda-Castaneda, Universidad de Guanajuato, Mexico
<b>Invited Session</b>	
<b>Session Chair</b>	<b>Boris V Zhdanov, US Air Force Academy, United States</b>
14:05-14:30	<b>Title:</b> Diode Pumped Alkali Laser: The Most Promising Candidate to Produce High Laser Power with Excellent Beam Quality
	Boris V Zhdanov, US Air Force Academy, United States of America
14:30-14:55	<b>Title:</b> On-demand Quantum Coherence Control for Wavelength Conversion using Controlled Rephasing
	Byoung S Ham, Gwangju Institute of Science and Technology, South Korea

14:55-15:20	<b>Title:</b> Coherent Transition Radiation in THz range from Laser-Plasma Interaction
	<b>Ding Wenjun, Institute of for Sciences, Technology and Research, Singapore</b>
15:20-15:45	<b>Title:</b> Digital Signal Processing for Flexible Optical Transceivers
	<b>Ing Werner Rosenkranz, University of Kiel, Germany</b>
15:45-16:10	<b>Title:</b> Helicity-dependent THz Emission of Topological Insulators
	<b>Chih-Wei Luo, National Chiao Tung University, Taiwan</b>
16:10-16:25	<b>Coffee Break</b>
16:25-16:50	<b>Title:</b> Femtosecond Laser Direct Writing of in-Fiber Interferometers and Their Sensing Applications
	<b>Xuwen Shu, Huazhong University of Science and Technology, China</b>
16:50-17:15	<b>Title:</b> Gravity and Light Repel Each Other
	<b>Iraj Khalilymoghadam, Iran</b>
17:15-17:40	<b>Title:</b> Quantitative Analysis of the Proportion of Lateral High-order Modes in Lasing Emission
	<b>Wanhua Zheng , Institute of Semiconductors, Chinese Academy of Sciences, China</b>
17:40-18:05	<b>Title:</b> Effect of Annealing Temperature on Structural and Optical Properties of Thallium Indium Disulphide Thin Films
	<b>Ipek Guler, Cankaya University, Turkey</b>
18:05-18:30	<b>Title:</b> Waveguiding of the High Intensity Laser Pulse in a Hydrogen Z-pinch Plasma and its Influence on the LWFA in the Bubble Regime
	<b>Anatoliy A Shapolov, University of Pécs , Hungary</b>
18:30-18:55	<b>Title:</b> Fantastic Features of the Diffraction from Radial Structures
	<b>Saifollah Rasouli, Institute for Advanced Studies in Basic Sciences, Iran</b>
<b>Scientific Session</b>	
18:55-19:15	<b>Title:</b> A Single Image Super-resolution Algorithm Using Maximum Noise Fraction Transform
	<b>Shaheera Rashwan, City of Scientific Research and Technological Applications, Egypt</b>

19:15-19:35	<p><b>Title:</b> Investigation Of Responsivity For Inp Based Heterojunction Bipolar Phototransistor</p> <p><b>Jihane Ouchrif, Hassan II University of Casablanca, Morocco</b></p>
19:35-19:55	<p><b>Title:</b> Evaluation the Effect of Low Level Laser on Liposome's Containing Chemotherapy Drug (Docetaxel) and Compare with Prescribed Chemotherapy Drugs (Docetaxel) procedure in prostate cancer cells in vitro</p> <p><b>Ehsan Kamani, University of Medical Sciences, Iran</b></p>
<b>Poster Presentations on Day 2 April 16, 2019</b>	
P-001	<p><b>Title:</b> Design and Simulation of Polymer based Photonic Components</p> <p><b>Dana Seyringer, Vorarlberg University of Applied Sciences, Austria</b></p>
P-002	<p><b>Title:</b> Holographic Writing of Ink-Based Phase Conjugate Nanostructures <i>via</i> Laser Ablation</p> <p><b>Muhammad Waqas Khalid, University of Birmingham, United Kingdom</b></p>
<b>Final Program</b>	