



**Tentative Program
Optics-2021**

7th Global Summit & Expo on Laser Optics and Photonics

May 27-29, 2021 | London, UK

Theme: *“Emphasizing the Modernisations in Laser Optics and Photonics”.*

More Details at: <https://www.scientificfederation.com/laser-optics-photonics/>

Submit your abstract online at: <https://www.scientificfederation.com/laser-optics-photonics/abstract-submission.php>

Register and book your slot at: <https://www.scientificfederation.com/laser-optics-photonics/registration.php>

Contact Us

Ph: 91-779-979-0002

Whatsapp: 91-863-9044-533

Email: optics-2021@scientificfederation.info

Day 01, May 27, 2021

08:30-9:30	Registrations
09:30-10:00	Introduction and Opening Ceremony
Plenary Forum	
10:00-10:35	Title: Electrovariable Photonics: New Horizons for Tuning Functionalities of Optical Metamaterials in Real Time <i>Alexei A Kornyshev, Imperial College London, UK</i>
10:35-11:10	Title: Integrated Photonics for Biosensing Applications <i>Ray T. Chen, The University of Texas, Austin, USA</i>
11:10-11:25	Refreshments Break
11:25-12:00	Title: Quasi-Stationary Optical Gaussons <i>Anjan Biswas, Alabama A&M University, USA</i>
12:00-12:35	Title: Will be updated soon <i>Marek Godlewski, Institute of Physics Polish Academy of Sciences, Poland</i>
Keynote Forum	
12:35-13:00	Title: The GNLS Solitons in Fiber and Planar Optical Waveguides <i>Vasily Yu. Belashov, Kazan Federal University, Russia</i>
13:00-13:05	Group Photo
13:05-14:05	Lunch Break
14:05-14:30	Title: Analytical and Numerical Schemes of Sasa–Satsuma Equation for Perturbed Optical Solitons having Kerr Law Nonlinearity <i>Mir Asma, University of Malaya, Malaysia</i>
14:30-14:55	Title: Embryo Quality Prediction According to IR Spectroscopy of Incubation Medium in IVF: A Preliminary Study <i>Ben Zion Dekel, Ruppin Academic Center, Israel</i>
14:55-15:20	Title: THz free-carrier mechanisms of photo- and polarization dependent response <i>Fedir F. Sizov, National Academy of Sciences, Ukraine</i>
Invited Talks	
15:20-15:40	Title: Plasmonics at Elevated Temperatures: Au Intermetallic Alloys and Noble Metal/Refractory Oxides Core-Shell Structures <i>Fumin Huang, Queen's University Belfast UK</i>
15:40-16:00	Refreshments Break
16:00-16:20	Title: Light harvesting in organic and perovskite solar cells <i>Tariq Sajjad, London Southbank University, UK</i>
16:20-16:40	Title: Tuning the Polarization States of Light with Metastructures <i>Ru-Wen Peng, Nanjing University, China</i>
16:40-17:00	Title: Polarization Effects in the Tight Focus of Singular Beams <i>Elena Sergeevna Kozlova, Samara National Research University, Russia</i>
17:00-17:20	Title: Will be updated soon <i>Reza Safian, Center for Research and Education in Optics and Lasers (CREOL), USA</i>
17:20-17:40	Title: Signal Enhancement in Laser Induced Plasma using Magnetic Field for CF- LIBS <i>Muhammad Shoaib Tahir, University of Agriculture Faisalabad, Pakistan</i>
END OF DAY-1	

Day 02, May 28, 2021	
09:30-10:00	Introduction and Opening Ceremony
Plenary Forum	
10:00-10:35	Title: A light in digital darkness: Free space optics for global connectivity Mohamed-Slim Alouini, <i>KAUST, Saudi Arabia</i>
10:35-11:10	Title: Will be updated soon Manijeh Razeghi, <i>Northwestern University, USA</i>
11:10-11:25	Refreshments Break
11:25-12:00	Title: Will be updated soon Cai Yangjian, <i>Shandong Normal University, China</i>
12:00-12:35	Title: Will be updated soon Prasanta K. Panigrahi, <i>IISER, India</i>
Keynote Forum	
12:35-13:00	Title: Will be updated soon Kenneth L Marshall, <i>University of Rochester, USA</i>
13:00-14:00	Lunch Break
14:00-14:25	Title: Will be updated soon Feride Severcan, <i>Altinbas University, Turkey</i>
14:25-14:50	Title: General Picture of the World in XXI Century Leo Georgy Sapogin, <i>Technical University of MADI, Russia</i>
Invited Talks	
14:50-15:30	Title: Motley String Theory Overview George Yury Matveev, <i>Stockholm, Sweden</i>
15:30-15:45	Refreshment Break
15:45-16:05	Title: Isothermal and Isobaric Ensembles of Zinc Oxide and Phase Transition a Computational Prediction Yahia Chergui, <i>Boumerdes University, Algeria</i>
16:05-16:25	Title: The Role of Laser in Global Health Ehsan Kamani, <i>Shahid Beheshti University of Medical Sciences, Iran</i>
Oral Sessions	
16:25-16:40	Title: Simulation of Mid infrared Supercontinuum Generation in Silicon Germanium Photonic Waveguides for Gas Spectroscopy Proficiency Munsaka, <i>National University of Science and Technology, Zimbabwe</i>
16:40-17:00	Title: Will be updated soon Xiaojun Jia, <i>Shanxi University, China</i>
END OF DAY-2	
Day 03, May 29, 2021	
09:30-10:00	Introduction and Opening Ceremony
Plenary Forum	
10:00-10:35	Title: Will be updated soon Shyqyri Haxha, <i>Royal Holloway University, UK</i>

10:35-11:10

Title: Will be updated soon

Jimmy Xu, *Brown University, USA*

FEW SLOTS ARE AVAILABLE FOR SPEAKERS AND POSTER PRESENTATIONS

Closing Ceremony

Note: This is a Tentative Program , it is Subjected to Slight Changes Till Final Program

BOOKMARK YOUR DATES

Plenary Speaker Details



**Alexei A
Kornyshev**
*Imperial College
London, UK*



Anjan Biswas
*Alabama A&M
University, USA*



**Marek
Godlewski**
*Polish Academy
of Sciences,
Poland*



Ray T. Chen
*University of
Texas, USA*



**Manijeh
Razeghi**
*Northwestern
University, USA*



**Mohamed-Slim
Alouini**
*King Abdullah
University of
Science and
Technology,
Saudi Arabia*

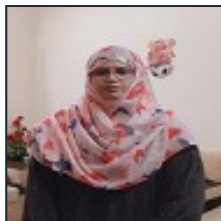
Keynote Speaker Details



**Vasily Yu.
Belashov**
*Kazan Federal
University,
Russia*



Ben Zion Dekel
*Ruppin
Academic
Center, Israel*



Mir Asma
*University of
Malay, Malaysia*



Fedir F. Sizov
*National
Academy of
Sciences,
Ukraine*



**Leo Georgy
Sapogin**
*Technical
University of
MADI, Russia*