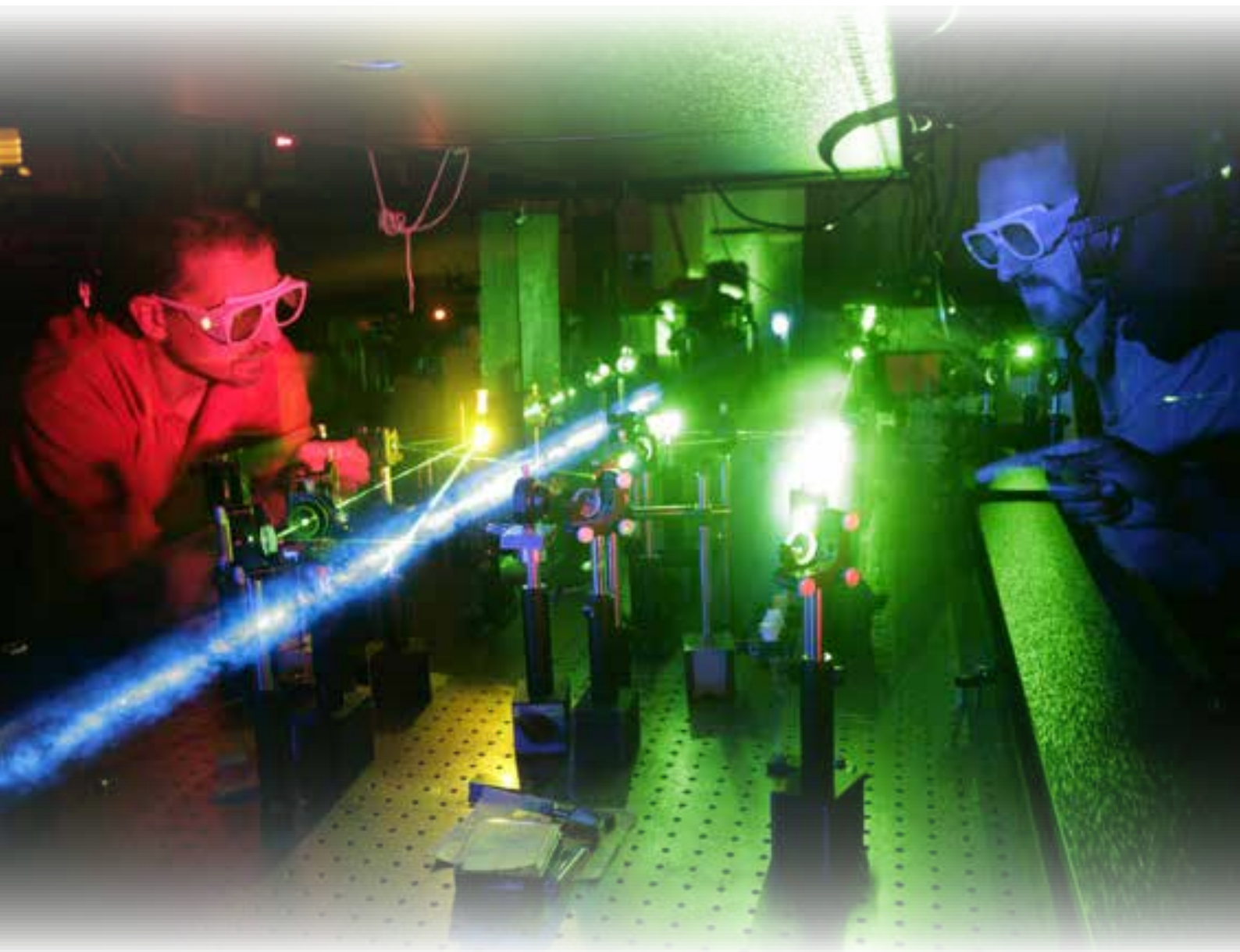


Scientific Program

9th World congress and expo on

Optics, Photonics and Telecommunication

November 22-24, 2018 Bucharest, Romania



Hosting Organization: Conferenceseries Ilc LTD

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Day 1 November 22, 2018

Registrations

Hall

Opening Ceremony

Keynote Forum

Title: Plasmonics and Phononics in Nano-Hybrids

Mahi R Singh, The University of Western Ontario, London, Canada

Title: Wide band gap III-nitride semiconductor devices

Ryan McClintock, Northwestern University, USA

Networking and Refreshments Break

Sessions: Workshop on Rock Wars, We can Win with Silicon Douglas R McCarter, McCarter Machine & Technology Inc., USA

Session Chair: Vincenzo Spagnolo, Technical University of Bari, Italy
Session Co-chair: Hideyoshi Horimai, Egarim Co. Ltd., Japan

Title: Wide band-gap semiconductor materials with low defect density for future high-power nanophotonics and electronics

Vladislav E Bougrov, ITMO University, Russia

Title: Plasmonic materials/metamaterials by crystal growth

Dorota A Pawlak, Institute of Electronic Materials Technology, Poland

Title: Upconversion Brillouin optical-time domain reflectometry

Mingjia Shangguan, University of Science and Technology of China, China

Lunch Break

Sessions: Masayoshi Tonouchi, Osaka University, Japan Karim D Mynbaev, ITMO University, Russia

Title: Spectroscopic analysis of calcite and dolomite marble using laser induced breakdown spectroscopy

S Saleem, COMSATS Institute of Information Technology, Pakistan

Title: Integrated III-V semiconductor components for all-optical analog-to-digital conversion

Vladislav E Bougrov, ITMO University, Russia

Title: Optical parametric generation in photonic crystal fibers

Sigang Yang, Tsinghua University, China

Title: Detection of diseases in citrus plants using fluorescence spectroscopy

Luis Gustavo Marcassa, University of São Paulo, Brazil

4 Speaker Slots Available

Day 2 November 23, 2018

Hall

Keynote Forum

Title: Dynamics of plasmonic nanolasing: From strong coupling to stopped-light lasing and surface-plasmon polariton condensation

Ortwin Hess, Imperial College London, UK

2 Keynote Speaker Slots Available

Sessions: Applications and Trends in Optics | Quantum Science and Technology

Title: Numerical simulation of Raman scattering in biological tissues

A Seteikin, Amur State University, Russia

Title: A new paradigm: Metamaterial and upconversion effects in natural materials

Michelle R Stem, Complete Consulting Services, LLC, USA

Title: Incapability of laser drilling affected by interfacial transport processes across the induced keyhole

Peng-Sheng Wei, National Sun Yat-Sen University, Taiwan (ROC)

Title: Optical properties of 3C-SiC/Si (001) defect microstructures by exploiting Raman scattering and X-ray absorption fine structure measurements

Devki N Talwar, Indiana University of Pennsylvania, USA

Lunch Break

Sessions: Optoelectronics

Title: Optical feedback interferometry in quantum cascade lasers

Gaetano Scamarcio, Università degli Studi di Bari "Aldo Moro", Italy

Title: Telluride glass fibers for mid-infrared sensing: From medical diagnosis to the detection of exoplanet

Bruno Bureau, Université de Rennes 1, France

Title: Identification of point defect candidates in strained-layer type-II super lattices for infrared detectors: Ab initio electronic structure studies

Nicholas Kioussis, California State University Northridge, USA

Sessions: Advancements in Photonics

Title: Can OLED light-quality be good enough to justify lighting renaissance?

Jwo-Huei Jou, National Tsing Hua University, Taiwan

Title: Photon management assisted by surface waves on an all-dielectric platform

Angelo Angelini, Polytechnic of Turin, Italy

Title: Holographic window for solar power generation system

Toshihiro Kasezawa, Egarim Co. Ltd., Japan

4 Speaker Slots Available

Day 3 November 24, 2018

Hall

Keynote Forum

Title: Green Technology and Engineering Sustainability in Higher Education

Professor Ezendu Ariwa, Academic Supervision warwick university, UK

2 slots are available

Networking & Refreshments

Sessions: Optical Communications and Networking, Quantum Science and Technology

Title: Ionizing radiation dosimetry with optical fibers

Dan Sporea, National Institute for Laser, Plasma and Radiation Physics, Romania

Title: Málaga statistical distribution: The new universal analytical propagation model for atmospheric optical communications

Antonio Jurado-Navas, University of Malaga, Spain

Title: Observation the exciton and Urbach band tail in low-temperature-grown GaAs using coherent ultrafast spectroscopy

Kimberley C Hall, Dalhousie University, Canada

Sessions: Optics and Lasers in Medicine, Featured Technologies in Lasers, Optics and Photonics

Title: Organic bio-electronic sensors for ultra-sensitive chiral differential detection

Luisa Torsi, Università degli Studi di Bari "Aldo Moro", Italy

Title: Novel compact laser sources for biomedical photonics: Diagnostics and treatment

Edik U Rafailov, Aston University, UK

Title: Advanced fiber grating devices fabricated for all-optical signal processing

Xuewen Shu, Huazhong University of Science and Technology, China

Networking & Refreshments

Title: Dye-sensitized solar cells using ethynyl-linked porphyrin trimers for NIR photoelectric conversion

Tomofumi Hamamura, University of Bordeaux, France

4 Speaker Slots Available

Awards & Closing Ceremony

Note: Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this program are subject to change

