Agenda Day 1: July16, 2018

Hall Name: Eden

08:00-08:15 Registrations

08:15-08:30 Opening Ceremony

Keynote Session

08:30-09:10	Title: Terahertz light emission and lasing in graphene under current-injection pumping Taiichi Otsuji, Tohoku University, Japan
09:10-09:50	Title: Pulsar identification of background spectra of LIGO data Yukio Tomozawa, University of Michigan, USA
09:50-10:30	Title: LIDAR data analysis for automatic region segmentation and object classification Vijayan Asari, University of Dayton, USA
10:30-11:10	Title: Sol-gel Materials for Optical Applications David Levy, Instituto de Ciencia de Materiales de Madrid, Spain

Group Photo 11:10-11:20

Coffee Break: 11:20-11:40 @ Foyer

Special Session

11:40-12:20	Title: Technology trends of the European industry in lasers and optics Jose Pozo, EPIC – European Photonics Industry Consortium, Netherlands
12:20-13:00	Title: High resolution X-Ray spectroscopy and atomic physics of high energy density plasmas using transmission-crystal spectrometers in the 6-100 keV energy range John Seely, National Institute of Standards and Technology, USA

Lunch Break: 13:00-14:00 @ Mezzo Restaurant

14:00-14:40	Title: Coupling of two oscillations of close frequencies in a high pressure plasma enclosed in a spherical bulb Gilles Courret, University of Applied Sciences and Arts Western, Switzerland

Optical Communications and Networking | Atmospheric Optics| Optoelectronics | Optics and Lasers in Medicine | Surface Enhanced Spectroscopy | Biophotonics | Optical Physics | Nuclear Science

Session Chair: Aleksey Mikhailovich Polubotko, A. F. Ioffe Physico-Technical Institute, Russia

Session Co-Chair: Georgii Malashkevich, B.I. Stepanov Institute of Physics, Belarus

14:40-15:00	Title: Antimonide quantum materials for laser applications Qian-Dong Zhuang, Lancaster University, UK
15:00-15:20	Title: A new spectroscopy based upon 3D photonic quantum ring lasers for non-invasive and portable brain heart disease diagnostic techniques O'Dae Kwon, Pohang University of Science And Technology (POSTECH), South Korea
15:20-15:40	Title: Self-assembled organic/polymeric micro lasers and photo switchable arrays Yohei Yamamoto, University of Tsukuba, Japan
15:40-16:00	Title: Iterative method of dual-wavelength laser ratio for particle spectrum Cao Nianwen, Nanjing University of Information Science & Technology, China

Coffee Break & Poster Presenattions 16:00-16:20 @ Corridor

LOP&APS-01	Title: Optimized Synthesis and Assessment of Fluorescent Dye-Labelled Nanosystems Katel Herve-Aubert, University of Tours, France

16:20-16:40	Title: Analytical commutation of electrical equalizer in on-off-keying optical communication systems Gilad Katz, Holon Institute of Technology, Israel
	Young Research Forum 16:40-17:40
16:40-16:55	Title: Growth and characterization of epitaxially grown GaN layer on patterned sapphire substrate Ismail Altuntas, Cumhuriyet University, Turkey
16:55-17:10	Title: The role of growth temperature, V/III ratio and CBr4 flow on carbon doped p-GaAs epilayers Alev Kizilbulut, Cumhuriyet University, Turkey
17:10-17:25	Title: Laser-assisted precipitation of metal and semiconductor nanoparticles in oxide glass Maxim Vetchinnikov, Mendeleev University of Chemical Technology, Russia
17:25-17:40	Title: Ultrafast laser-induced inscription of nanogratings in alkali silicate glasses. Sergey Fedotov, Mendeleev University of Chemical Technology, Russia
17:40-17:50	**Discussion Time**
17:50-18:00	**Chairman's Summing Up**

Panel Discussion

Agenda Day 2: July 17, 2018

Hall Name: Eden

Keynote Session

09:00-09:40	Title: Advances in the development of compact laser sources for imaging, diagnostics and treatment in biomedicine Edik U. Rafailov, Aston University, U.K
09:40-10:20	Title: Surface-enhanced optical processes and a strong quadrupole light-molecule, matter interaction Aleksey Mikhailovich Polubotko, A. F. Ioffe Physico-Technical Institute, Russia
10:20-11:00	Title: Advances in CAOS Camera Imaging Nabeel Riza, University College Cork, Ireland
	Coffee Break: 11:00-11:20 @ Foyer
11:20-12:00	Title: RGB wavelength demultiplexer based on photonic crystal fiber Dror Malka, MostlyTek LTD, Israel
12:00-12:40	Title: Ray tracing propagation of lasers in a continuous turbulent atmosphere Itay Naeh, Rafael Advanced Defense Systems LTD, Israel

Session Introduction

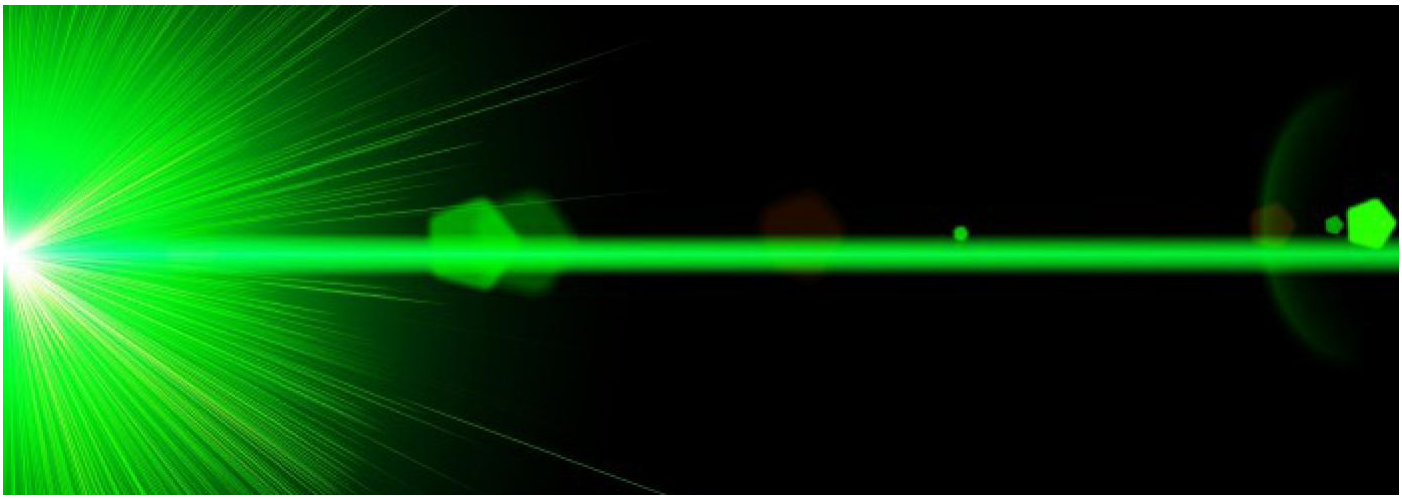
Laser Systems | Photonic Systems | Optical Medium | Optical Interferometers | Nanophotonics and Biophotonics | Plasma Science | Organic Photonics | Organic Lasers

Session Chair : Vijayan Asari, University of Dayton, USA

Session Co-Chair : O'Dae Kwon, Pohang University of Science And Technology (POSTECH), South Korea

12:40-13:00	Title: Nano scales tilt measurement using a cyclic interferometer: New developments Charles Joenathan, Rose-Hulman Institute of Technology, USA
	Lunch Break: 13:00-14:00@ Mezzo Restaurant
14:00-14:20	Title: Physicochemical, spectral-luminescent and lasing properties of Yb-containing huntite-like glass Georgii Malashkevich, B.I. Stepanov Institute of Physics, Belarus
14:20-14:40	Title: Modeling of fast discharges in high-pressure gases George V. Naidis, Joint Institute for High Temperatures RAS, Russia

14:40-15:00	Title: Input of Raman, SERS And Fluorescence Spectroscopy to Nanomedicine Research Igor Chourpa, University of Tours, France
15:00-15:20	Title: Overcooled gas flow assisted quantum computing Konstantin Lyakhov, Institute for Nuclear Science and Technology, South Korea
15:20-15:40	Title: A single electrode plasma discharge tube device Shouguo Wang, Qilu University of Technology, China
15:40-16:00	Title: Pulsed MOVPE growth of high quality AlGaN epilayers for ultraviolet LED applications Ilkay Demir, Cumhuriyet University, Turkey
	Coffee Break 16:00-16:20@ Foyer
16:20-16:40	Title: Optimization of Entangled Photon Pair Sources Kadir Durak, Ozyegin University, Turkey
16:40-17:00	Title: A density functional method for quantum confinement in atomic systems Amlan K. Roy Indian Institute of Science Education and Research, India
17:00-17:20	Title: Evaluation of the residual stresses in wear protection coatings using X-Ray diffraction, ultrasonic and finite element technique Adel K. Mahmoud, University of Diyala, Iraq
	Video Presentation 17:20-17:50
17:20-17:35	Title: Fluorescent and T1 MRI active multilayer nanoparticle for imaging and targeting cellular delivery Oara Neumann, Rice University, United States
17:35-17:50	Title: Cosmic dark matter fractal field theory T Fulton Johns, University of Tennessee Health Sciences, USA
17:50-17:55	Discussion Time
17:55-18:00	Chairman's Summing Up



Mark your calender

EuroSciCon Conference on

Plasma Physics

May 09-10, 2019
Stockholm, Sweden

Website: https://plasmaphysics.euroscicon.com/

European Conference on

Lasers, Optics and Photonics

May 09-10, 2019
Stockholm, Sweden

Website: https://optics.euroscicon.com