

2ND EDITION OF

EUROPEAN LASERS, PHOTONICS AND OPTICS TECHNOLOGIES SUMMIT



VIRTUAL EVENT

SEPT

05-06

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DAY 01

MONDAY, SEPTEMBER 05

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30-10:00		AV Check
10:00-10:10		Introduction
10:10-10:50	19:10-19:50	Koichi Shimizu, Waseda University, Japan Title: Suppression of scattering blur in macroscopic imaging of human body using NIR light
10:50-11:30	11:50-12:30	Gin Jose, University of Leeds, United Kingdom Title: Functional materials engineering with femtosecond laser induced plasma
11:30-12:10	14:30-15:10	Valentin Ivanov, Budker Institute of Nuclear Physics, Russian Federation Title: Comparative analysis mathematical models for the problems of electron optics

POSTER PRESENTATIONS

12:10-12:20	22:10-22:20	Andre Vatarescu, Fibre-Optic Transmission of Canberra, Australia Title: Simplifying quantum photonic systems
12:20-12:30	17:50-18:00	Pratiksha Choudhary, Indian Institute of Technology Delhi, India Title: Three-dimensional non-paraxial scalar beam propagation
12:30-12:40	15:30-15:40	Yilmaz Eren Bolukbasi, Aselsan, Gazi University, Turkey Title: FPGA implementation of laser spot detection algorithm
12:40-12:50	15:40-15:50	Sergey Kobtsev, Novosibirsk State University, Russian Federation Title: Compact hyper-polariser of ^{129}Xe
12:50-13:00	15:50-16:00	Vladimir Datsko, Institute of Applied Geophysics, Russian Federation Title: Surface electromagnetic waves: Past, present, future
13:00-13:10	16:00-16:10	Sergey Kobtsev, Novosibirsk State University, Russian Federation Title: Incoherent laser radiation

ORAL PRESENTATIONS

13:10-13:30	21:10-21:30	Feifei Gu, Shenzhen Institute of Advanced Technology, China Title: Miniature and accurate 3D structured light sensor on mobile intelligent terminal
13:30-13:50	21:30-21:50	Yutao Feng, Xi'an Institute of Optics And Precision Mechanics, China Title: Doppler asymmetric spatial heterodyne spectroscopy for the middle atmosphere wind measurement

13:50-14:10	21:50-22:10	Xiaogang Ruan, Beijing University of Technology, China Title: Observation and relativity: The speed of light is not truly invariant!
14:10-14:30	21:10-21:30	Mitra Djamal, Institut Teknologi Bandung, Indonesia Title: Fabrication and performance of sputtered blu-ray disks as sers substrates for TNT detection
14:30-14:50	20:00-20:20	U V S Seshavatharam, I-Serve, India Title: A review on cosmic red shift definition and cosmic light speed expansion
14:50-15:10	20:20-20:40	Moumita Das, Malda College, India Title: Study of lower order entanglement in non-degenerate four wave mixing process

KEYNOTE PRESENTATIONS

15:10-16:10	08:10-09:10	Alexander G Ramm, Kansas State University, United States Title: Wave scattering by many small particles and applications
16:10-16:50	09:10-09:50	Ephraim Suhir, Portland State University, United States Title: Fiber Optics Structural Analysis (FOSA): Application of analytical ("Mathematical") predictive modeling

ORAL PRESENTATIONS

16:50-17:10	22:20-22:40	C K Jayasankar, Sri Venkateswara University, India Title: International year of glass-2022 – life line of lanthanide doped glasses for photonic applications
17:10-17:30	22:40-23:00	Subir Kumar Sarkar, Jadavpur University, India Title: Wireless Self-Organizing Networks and Trust Management System
17:30-17:50	23:00-23:20	Jyoti Rajput, Lovely Professional University, India Title: Hermite cosh gaussian laser-Induced electron acceleration
17:50-18:10	19:50-20:10	Angelos Bouchouri, University of South Eastern Norway, Norway Title: Metalenses: A framework for designing and fabricating metalenses
18:10-18:30	19:10-19:30	Hani Boubekri, Higher Normal School of Technological Education Skikda(ENSET), Algeria Title: Photoluminescence properties of RE ions (Tb^{3+} , Ho^{3+} , Er^{3+} , Eu^{3+}) doped CdF_2 single crystal
18:30-18:50	13:30-13:50	Carlos Hernandez-Gutierrez, Tecnológico Nacional de México Campus Tuxtla, Mexico Title: Theoretical analysis of structural, electrical, and optical considerations for AlGaN-based UVC-LED development
18:50-19:10	20:50-21:10	Wolfram Schröer, University of Bremen, Germany Title: Apparent mean-field criticality of the liquid-liquid phase transition of ionic solutions

DAY 02

TUESDAY, SEPTEMBER 06

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
10:00-10:40	13:00-13:40	Vladimir V Rumyantsev, A.A. Galkin Institute For Physics And Engineering, Ukraine Title: Features of electromagnetic excitations propagation in a photonic crystal with microcavities containing quantum dots
10:40-11:20	18:40-19:20	Vladimir G Chigrinov, Hong Kong University of Science And Technology, Hong Kong Title: Photoalignment and photopatterning: New LC display and photonics technology
11:20-12:00	08:20-09:00	Luis E Abad, Cordoba National University, Argentina Title: Intraocular micro-implant containing Tissue Plasminogen Activator (TPA)
12:00-12:40	14:00-14:40	Walid Tawfik Younes Mohamed, Cairo University, Egypt Title: Treatment of breast cancer using laser induced photodynamic therapy and gold nanoparticles
12:40-13:20	18:10-18:50	Rajvardhan Azad, Indira Gandhi Institute of Medical Sciences, India Title: Posterior laser barrage in advancing retinopathy of prematurity

ORAL PRESENTATIONS

13:20-13:40	21:20-21:40	Norazriena Yusoff, Universiti Malaya, Malaysia Title: Pulsed fiber laser generation using mxene materials-based saturable absorber
13:40-14:00	21:40-22:00	Lifeng Yang, University of Electronic Science And Technology of China, China Title: Pulsed photoacoustic non-invasive glucose measurement based on dual-wavelength near infrared differential-absorption method
14:00-14:20	22:00-22:20	Peilong Hong, University of Electronic Science And Technology of China, China Title: Light scattering of a single nanoparticle controlled by wavefront shaping
14:20-14:40	22:20-22:40	Wen Zhou, Fudan University, China Title: AI techniques for broadband photonics MMW communication towards 6G
14:40-15:00	20:10-20:30	Jagneet Kaur Anand, University of Delhi, India Title: Understanding the performance of surface plasmon resonance based sensors from the first principle
15:00-15:20	20:30-20:50	Sivaperuman Kalainathan, Vellore Institute of Technology, India Title: Surface modification of ferrous metal alloys by nano-second laser shock peening

15:20-15:40	20:50-21:10	Sanjeeb Dey, Ramakrishna Mission Vidyamandira, India Title: A theoretical study on anti-laser with EM perspective
15:40-16:00	21:10-21:30	Karan Surana, Sardar Patel University, India Title: The dynamic and evolving world of Quantum Dots
16:00-16:20	21:30-21:50	Apurva Kumari, B V Raju Institute of technology Narsapur campus, India Title: Single image dehazing and defogging for the estimation of optimal transmission map using restoration techniques
16:20-16:40	21:20-21:40	Malika Rani, The Women University Multan, Pakistan Title: Coprecipitation Synthesis and characterization of nanocomposite $\text{AlCr}_2\text{O}_4/\text{MXene} (\text{Ti}_3\text{C}_2)$ for fabrication of Resistive Random Access Memory (ReRAM) device
16:40-17:00	19:40-20:00	Abdullah S Karar, American University of The Middle East, Kuwait Title: Digital signal processing for electronic dispersion compensation in intensity modulation / direct detection transmission
17:00-17:20	19:00-19:20	Sandy Winfield Jere, University Of Johannesburg, South Africa Title: Photobiomodulation at 660 nm enhances cellular viability and proliferation and decreases cellular apoptosis in vitro
17:20-17:50	18:20-18:50	Ben Campbell Biezanek, Distinguished Researcher, United Kingdom Title: Quantum-relativity
17:50-18:10	18:50-19:10	Muhammad Sajid Khan, University of SouthWales, United Kingdom Title: Gender identification using 3D eyeball pupil model
18:10-18:30	22:40-23:00	Fatemeh Sadat Mousavinejhad, Yazd University, Iran (Islamic Republic of) Title: Saccadic model and sigmoidal functions
18:30-18:50	19:30-19:50	Sara Ezairi, Hassan II University of Casablanca, Morocco Title: Optical properties, influence of the polarization and the temperature on heterojunction organic solar cell
18:50-19:10	19:50-20:10	Kahouadji Badis, University of Bejaia, Algeria Title: Enhancement of photoluminescence properties of nano-sized Pr^{3+} doped LuPO_4 powders by incorporating of Y^{3+} ions

UPCOMING CONFERENCES

3rd Edition of
**European Lasers, Photonics and
Optics Technologies Summit**
September 2023 | Hybrid Event
<https://magnusconferences.com/optics-lasers-photonics/>

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