



# **IESMSSO2023**

International Experts Summit on  
**Material Science, Semiconductors and Optoelectronics**

# **IESLOP2023**

International Experts Summit on  
**Laser, Optics and Photonics**

# **IESGM2023**

International Experts Summit on  
**2D Materials and Graphene**

**November 08, 2023**

#### **Contact Us**

Hyderabad, Telangana-500083  
INDIA

Phone: +91-8886220590

Email: [contact@meghazmeetings.com](mailto:contact@meghazmeetings.com)

## Virtual Presentation Wednesday | November 08, 2023

**Introduction: 09:20AM – 09:030AM**

**Time Zone@ London, UK (GMT+1)**

- |                        |          |   |
|------------------------|----------|---|
| <b>09:30AM–10:10AM</b> | <b>P</b> | <b>Title:</b> Biomimetic Optoelectronic Nose for Odor Analysis<br><b>Yanxia HOU</b> , <i>Université Grenoble Alpes, CEA, CNRS, France</i>   |
| <b>10:10AM–10:40AM</b> | <b>P</b> | <b>Title:</b> Can Nonporous Separators be a Good Method to Solve Self-Combustion Problem of Electric Vehicles<br><b>Yuping Wu</b> , <i>Southeast University, China</i>  |
| <b>10:40AM–11:20AM</b> | <b>P</b> | <b>Title:</b><br><b>Jinbo Pang</b> , <i>University of Jinan, China</i>  |
| <b>11:20AM–12:00AM</b> | <b>P</b> | <b>Title:</b> Low-Velocity Impact Response of Sandwich Composite Panels with Shear Stiffening Gel Filled Honeycomb Cores<br><b>Gaojian Lin</b> , <i>Beijing Institute of Technology, China</i>                                |
| <b>12:00PM–12:40PM</b> | <b>P</b> | <b>Title:</b><br><b>Vladimir CHIGRINOV</b> , <i>The Hong Kong University of Science and Technology, Hong Kong</i>   |
| <b>12:40PM–13:20PM</b> | <b>P</b> | <b>Title:</b> An Innovative Filler made from Raw Acacia Caesia Fiber Incorporated into Natural Rubber<br><b>Sivasubramanian Palanisamy</b> , <i>Institute of Engineering and Management Studies, India</i>                    |
| <b>13:20PM–14:00PM</b> | <b>P</b> | <b>Title:</b> Aggregation-Induced Emission Enhancement (AIEE) of HIL-HTL-Free Isoquinoline and morpholine TEOLEDs with CsF-ITO and BZO Electrodes<br><b>Songul Flat Varol</b> , <i>Manisa Celal Bayar University, Turkey</i>  |
| <b>14:00PM–14:30PM</b> | <b>K</b> | <b>Title:</b> Experimental and Theoretical Studies of Alkylated Benzothienoquinolizinium Salts as Non-Fullerene Organic N-Semiconductors<br><b>Andres Aracena</b> , <i>Universidad de las Américas, Chile</i>                 |
| <b>14:30PM–15:00PM</b> | <b>K</b> | <b>Title:</b> Quantum Dots Based Deep UV LEDs Grown By Molecular Beam Epitaxy<br><b>BRAULT Julien</b> , <i>Université Côte d'Azur, France</i>   |
| <b>15:00PM–15:30PM</b> | <b>K</b> | <b>Title:</b> Stereolithographic Additive Manufacturing of Bioceramic Components with Dimensionally Modulated Structures<br><b>Soshu Kiriara</b> , <i>Osaka University, Japan</i>   |
| <b>15:30PM–16:10PM</b> | <b>P</b> | <b>Title:</b> Failure-Oriented-Accelerated-Testing (FOAT) and Its Role in Reliability Physics of Electronic and Photonic Materials, Packages and Systems<br><b>Suhir Ephraim</b> , <i>Portland State University, USA</i>      |
| <b>16:10PM–16:35PM</b> | <b>I</b> | <b>Title:</b> A Molecular Dynamics Investigation of the Charge Dependence of K <sup>+</sup> and Cl <sup>-</sup> Permeation Through a Graphene Monolayer<br><b>Carlo Guardiani</b> , <i>Sapienza University of Rome, Italy</i> |

- 16:35PM-17:00PM** I **Title:** An Approach of Node Model TCnNet: Trellis Coded Nanonetworks on Graphene Composite Substrate  
**Diogo Ferreira Lima Filho**, *Paulista University, Brazil*
- 17:00PM-17:25PM** I **Title:** Influence of Sr Doping of Barium Titanate Ceramics on Structural, Thermal, Dielectric and Ferroelectric Properties  
**Grzegorz Jagło**, *Institute of Technology/Pedagogical University of Cracow, Poland*
- 17:25PM-17:50PM** I **Title:** DFT/TD-DFT Computational Study of the Electronic and Non-Linear Optical Properties of TTF-Derived Compounds  
**Abdelatif Messaoudi**, *University of Batna 1, Algeria*
- 17:50PM-18:15PM** I **Title:** Sensitivity-Enhanced Surface plasmon Resonance Biosensor Using Graphene on Subwavelength Single Negative Metamaterial: Theoretical Analysis  
**B. BOUHAFS**, *University of Tlemcen, Algeria*
- 18:15PM-18:40PM** I **Title:** Molecular Imaging and CD9 Based Nano-Sensors Promises to Deliver a More Precise Diagnosis in Clinical Applications  
**Mujib Ullah**, *Stanford University School of Medicine, USA*
- 18:40PM-19:05PM** I **Title:** Damage Production in Tantalum (Ta) and the Tantalum Pentoxide Ta<sub>2</sub>O<sub>5</sub> by the Binary Collision Approximation (BCA) Model  
**ELIAS**, *University of Saida, Algeria*
- 19:05PM-19:30PM** I **Title:** Impact of Fluorination Effects on the Optoelectronic Properties based on Dithieno-Pyrrol-Quinoxaline Copolymers for Organic Electronic Devices  
**Simplice KOUDJINA**, *National University of Sciences, Benin*
- 19:30PM-20:10PM** P **Title:** Exceptional Properties of Oxide Semiconductor Nanotubes and Heterostructures for Energy Applications  
**Varghese Oomman K**, *University of Houston, USA*
- END OF THE PROGRAM (IESMSSO2023)**