



MATERIAL
SCIENCE
2024

Tentative Programme

**SLOTS
AVAILABLE**

Global Event on **MATERIAL SCIENCE AND ENGINEERING**

October 30-31, 2024 | Virtual Event

Theme: “Focusing on New Trends to Nurture Future Directions in Materials Science & Engineering”



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MAJOR SESSIONS

- Materials Science and Engineering
- Minerals, Metals and Materials in Industry
- Materials Physics
- Materials Chemistry
- Surface Science and Engineering
- Biomaterials and Medical Devices
- Nanomaterials and Nanotechnology
- Batteries and Solid Electrolyte Materials
- Structural Materials and Metallurgy
- Advanced Materials and Nanotechnology
- Biomaterials and Healthcare
- Energy Materials
- Composite Materials
- Functional Materials
- Crystallography
- Materials Synthesis And Processing
- Polymers
- Ceramic Materials
- Nanostructured Materials
- Emerging smart material

KEYNOTE PRESENTATIONS

Title: What Can We Expect from Application of Resonant Light Scattering by Nanoobjects?

Michael I Tribelsky, Lomonosov Moscow State University, Russia

Title: Shape Reversibility and the Role of Deformation Temperature in Memory Behavior of Shape Memory Alloys

Osman Adiguzel, Firat University, Turkey

Title: Overview of Reconfigurable Antennas Inspired by Electronically Tunable Materials

Nasimuddin, Institute for Infocomm Research, Singapore

Title: Modulating magnetic behavior of ultrafine ferrite nanoparticles by surfacecoating thickness

Paulo Cesar De Moraes, Catholic University of Brasilia, Brazil

Title: Highly tunable Pickering emulsion/polymer systems: from colloids to functional surfaces

Guy Mechrez, Volcani Institute, Israel

Title: Electrochemical control and Quantification of carrier Density of π -Conjugated Polymers

Ichiro Imae, Hiroshima University, Japan

Title: Examine the Effects of Acacia Caesia Bark Fibers on Various Properties of Epoxy Composites

Sivasubramanian Palanisamy, PTR College of Engineering and Technology, India

ORAL PRESENTATIONS

Title: Biodegradation of Microplastics namely Polystyrene, Polyester Polyurethane, and Polyethylene with Metal Organic framework based Uio-66-OH@MF-3 Nanocomposite

Delia Teresa Sponza, Dokuz Eylul University, Turkey

Title: Electrochemical Cycling Stability of Zr, Nb and Mo Doped Lithium Nickel Oxide (LNO) Cathodes for LIBs

Misbah Mumtaz, University of Sheffield, UK

Title: Zinc-Iron magnetic nanoparticles for tumor theranostics

Carlos Caro, University of Malaga, Spain

Title: MXene-Based Superabsorbent Polymer Microparticle (MX/SAPs) for biological Target Enrichment in Water Samples: Optimization and Characterization

Ehsan Tabesh, York University, Canada

Title: Geometrical Stabilities and Electronic Structures of Rh5 Nanoclusters on Rutile TiO₂ (110) for Green Hydrogen Production

Moteb Qahess M Alotaibi, Prince Sattam Bin Abdulaziz University, Saudi Arabia

Title: Peculiarities of Cluster Structure and unique Properties of Supercooling Water and Monohydric Alcohols

Valeriy Pogorelov, Kyiv National Taras Shevchenko University, Ukraine

Title: The convergence of technologies generates convergence in the regulations

Guillermo Valdes Mesa, Havana University, Cuba

Title: Wearable Technology in Health Care Engineering

Sunita Mehta, Chitkara University, India

Title: Photogalvanic insolation device for accumulation, conversion & utilization solar radiation through photoimgeable dyes Fast green – Toluidine blue – EDTA

Bijendra Singh, Central University of Gujarat, India

Title: Multifunctional Nanostructured Materials; A new dimension in Materials Science

Sujit Kumar Bandyopadhyay, Variable Energy Cyclotron Centre, India

Title: Formulation and in vitro Evaluation of pH-Sensitive Cross-linked Copolymer for Controlled Delivery of Perindopril Erbumine (PE)

Hira Ijaz, Fachhochschule: Institute Of Applied Science And Technology, Pakistan

Title: The Impact of Microplastics on the Environment and Health: Reduction and Remediation Approaches

Hind Abdellaoui, Mohammed VI Polytechnic University, Morocco

Title: The Physics Behind Nanotechnology & Mathematical Modeling

Christopher Oluwatobi Adeogun, South China University of Technology, Nigeria

POSTER PRESENTATIONS

Title: Bio-based ceramic membranes used for water disinfection

Pelagie Kamgang Syapnjeu, University of Yaounde, Cameroon



Contact Us

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