

3rd Global Virtual Summit on Materials Science & Engineering August 25-26, 2023

Scientific Program

Materials Science 2023

Online (Teams Meeting)

Time Zone: GMT+1 (London, UK)

August 25-26, 2023

Opening Ceremony

TBA* Time to be allotted soon

Keynote Sessions

TBA

Title: Digital-intellectual Design for Desired Materials

Li Yang, Shandong University, China

TBA

Title: What, How and Why Soft Solution Processing(Low Energy Production of Advanced Nano-Materials) is Difficult but Necessary for Sustainable Society?

Masahiro Yoshimura, National Cheng Kung University, Taiwan

TBA

Title: Surface Modification of Tea-Waste-Based Biochar Adsorbent: Synthesis, Characterization, and Batch Adsorption for the Removal of Zidovudine ARV Drug and Phenol

Tumelo Nortica Mashoene, Vaal University of Technology, South Africa

TBA

Title: Heat exchangers technology and applications in heat exchanger engineering

Abdeen Omer, Energy Research Institute (ERI), UK

TBA

Title: A Framework for the Application of Optimization Techniques in the Achievement of Global Emission Targets in the Housing Sector

Adekunle Mofolasayo, University of Alberta, Canada

TBA

Title: A Comparison of Life Cycle Impact of Mass Timber and Concrete in Building Construction

Adekunle Mofolasayo, University of Alberta, Edmonton, Canada

TBA

Title: An Innovative 3D Printed Tooth Reduction Guide for Precise Dental Ceramic Veneers

Manuel robles, Universidad Vizcaya de las Americas, Mexico

Two Keynote presentation slots available now

Plenary Speaker Session	
Sessions	Materials Science and Engineering Nanomaterials and Nanotechnology Advanced Energy Materials Applications in Material Science Engineering
Session Chairperson	To be decided
	To be decided
TBA	Title: Material and Biological Evaluation of Ti-Nb-Zr Alloys Produced by Powder Metallurgy
	Yuksel Cetin, TUBITAK, Marmara Research Center, Turkey
TBA	Title: Study of HACS composed of Transparent Thermal Insulation System Filled with Sustainable Refrigerants and a Pig-Fat Based PCM
	Agustín Torres Rodríguez, National Autonomous University of Mexico, Mexico
TBA	Title: Intermetallics in Al/Mg/Al multi-layer composite after ARB processing; some microstructural and textural features
	Ismail Bencherifa, University of Biskra, Algeria
TBA	Title: Incorporating Time-Series Forecasting Techniques to Predict Logistics Companies' Staffing Needs and Order Volume
	Ahmad Alqatawna, The University of Jordan, Amman
TBA	Title: Environment-assisted Cracking: A Challenge in the use of Magnesium and Zinc Alloys as Biodegradable Implants
	Raman Singh, Monash University, India
TBA	Title: Enhanced Solubility and Stability of Aripiprazole in Binary and Ternary Inclusion Complexes Using Hydroxy Propyl Beta Cyclodextrin (HP β CD) and L-Arginine
	Sophia Awais, IBADAT International University, Pakistan
TBA	Title: Prosthetic Joint Infections: Biofilm Formation, Management, and the Potential of Mesoporous Bioactive Glass as a New Treatment Option
	Dana Almasri, Toronto Metropolitan University, Canada
TBA	Title: Development and validation of liquid chromatography-tandem mass spectrometry method for simultaneous determination of tramadol and its phase I and II metabolites in human urine
	Varsha Chauhan, National Forensic Sciences University, India
TBA	Title: Deciphering Ciprofloxacin's Impact on Growth Attributes and Antioxidant Compounds in Pasankalla Quinoa
	Adán Quisocala Ramos, Universidad Nacional del Altiplano de Puno, Perú
TBA	Title: Unveiling the Thermoelectric Performances of Zn _{1-x} Fe _x Se Nanoparticles Prepared by the Hydrothermal Method
	Muhammad Isram, Università di Modena e Reggio Emilia, Italy

TBA	Title: Effect of a Multiaxial Load of Reverse Torsion on Open-Cell Aluminum Foams Behavior
	Solomon B. Huluka, Laboratoire Quartz, France
Poster Presentation	
TBA	Title: Accounts for Outstanding Ballistic Performance of Ti-Based Laminate Composites Manufactured Using Powder Metallurgy
	Sergey V. Prikhodko, University of California Los Angeles, USA
TBA	Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator
	Seongwoo Woo, Seongwoo Woo Ethiopian Technical University, Ethiopia
TBA	Title: Green composites prepared from sheep wool reinforced vulcanised rubber with enhanced physical and mechanical properties
	Seiko Josea, Mahatma Gandhi University, India
TBA	Title: Scalable and efficient CO ₂ capture by novel graphene-based nanoparticles: synthesis and characterization
	Cataldo Simari, University of Calabria, Italy
TBA	Title: Unveiling the crystallographic texture in immiscible composite CuCr alloy after severe plastic deformation and annealing
	Imene Bibimoune, University of Sciences and Technology Houari Boumediene, Algeria
TBA	Title: Combined Effect of Citric Acid and Polyphenol-Rich Grape Seed Extract towards Bioactive Smart Food Packaging Systems
	Akvilė Pažarauskaitė, University of Stavanger, Norway
Oral/Poster presentation slots available now	
End Of Session	
Closing Ceremony	
<p>Researcher Meetings</p> <p>20-22 Wenlock Road, London, N1 7GU, United Kingdom</p> <p>E-Mail: materialsinfo@researchermeetings.com andreamith0590@gmail.com</p>	