

5TH INTERNATIONAL CONFERENCE ON

ADVANCED FUNCTIONAL MATERIALS

October 14-15, 2024
RENAISSANCE LONDON HEATHROW HOTEL
LONDON, UK

Theme: "Development of Functional Materials for a Better world"

Protective Nanocoatings from Polyelectrolytes: Flame Retardancy, Hea	
Presentation and Super gas Barrier	t Shielding,
Jaime C. Grunlan, Texas A&M University, USA	
Presentation Exploring the Potential of CsPbBr3 Perovskite Solar Cells: Experimental Theoretical Investigations	nental and
Amina Laouid , Nicolaus Copernicus University in Torun ,Poland	
Presentation Membrane Separation Technology in Direct Air Capture	
Naiying Du , National Research Council of Canada (NRC) ,Canada	
Presentation Nickel-Zinc Ferrite and Graphene Nanoplatelet-Enhanced Epoxy Hybrid Nano	composites
Sahrim Ahmad , Universiti Kebangsaan Malaysia , Malaysia	
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Flexible Tthermoelectrics based on 3D Interconnected Magnetic Nanowire N	
Presentation Flexible Tthermoelectrics based on 3D Interconnected Magnetic Nanowire N Luc Piraux , UCLouvain , Belgium SEWAT - Sustainable Energy by Wayes Trap	
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Flexible Tthermoelectrics based on 3D Interconnected Magnetic Nanowire Nanowire Nanowire Nanowire Nature Presentation Presentation SEWAT - Sustainable Energy by Waves Trap Giulio Teodoro Maellaro, University of Padua ,Italy Advanced Carbon Based Materials via Sustainable Synthetic procedure and Environmental Applications Claudia Espro ,University of Messina,Italy Speaker Slots Available Presentation Optimizing Piezoelectric Performance in <111> Textured Ceramics Usin Poling Above the Curie Point Adisu Tsige Shibiru,University of Yamanashi,Japan Green Carbon-Based Nanomaterials with Advanced Properties for Env Applications	ng AC + DC
Flexible Tthermoelectrics based on 3D Interconnected Magnetic Nanowire Nanowire Nanowire Nanowire Nature Presentation Presentation Flexible Tthermoelectrics based on 3D Interconnected Magnetic Nanowire Nature N	ng AC + DC
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Presentation Flexible Tthermoelectrics based on 3D Interconnected Magnetic Nanowire Nanowire Nanowire Nature Presentation	ironmental Synthesis,

Presentation	Multiple Gold Nanorod Cores Encapsulated in Silica Shell for Improved Surface- Enhanced Raman Scattering and Catalytic Sensing
	Suman Dey , Saha Institute of Nuclear Physics,India
Presentation	An Industrial lignocellulosic Biomass-Derived Functional Materials
	Runcang Sun , Dalian Polytechnic University ,China
Presentation	First principles Calculation of Structural Relaxations and Electronic Properties of Scintillator Materials such as garnet Lu3Al5O12 (LuAG) co-doped Ce3+ and alkali metals (Li+, K+, Na+)
	Mustapha Lasmi,Nuclear Research Centre of Algiers,Algeria
Presentation	Preparation of Catalysts by Corrosion Engineering for Boosting Electrocatalytic Water Oxidation
	Xiaohang Zheng , Harbin Institute Of Technology ,China
Presentation	Fabrication of Fractal Structured Soot Templated Titania-Silver Nano-surfaces for Photocatalysis and SERS Sensing
	Uzma Malik , RMIT University , Australia
Presentation	Calculation of the band Structure of Supercells of Gallium Monochalcogenides and Charge Transfer in these Materials
	Solmaz Mustafaeva , Institute of Physics , Azerbaijan
Presentation	Phyto-Fabrication of Copper Oxide Nanoparticles (NPs) utilizing the Green Approach Exhibits Antioxidant, Antimicrobial, and Antifungal Activity in Diospyros kaki Fruit
	Iftikhar , Shanghai Jio Tong University,China
Presentation	Removal of Heavy Metals from Acid Mine Drainage via Adsorption onto Graphite Oxide/Poly(acrylic acid) Grafted Bulrush Nanocomposite
	Nozipho Nompumelelo , Vaal University of Technology ,South Africa
Presentation	An Injectable Collagen and Gelatin-Based Hydrogel with Tunable Properties for Wound Healing Applications
	Francesca Basso , Istituto italiano di tecnologia ,Italy
Presentation	Supramolecular Organic Semiconducting Polymers: Synthesis, Properties, and Applications
	Aurica Farcas ,Petru Poni Institute of Macromolecular ,Romania

Oral/Poster Slots Available Delegates/ Listeners Slots Available Exhibitor/Sponsor Slots Available

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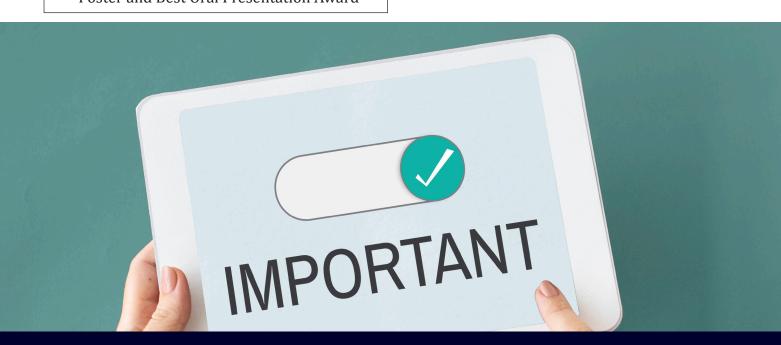
DATES TO REMEMBER			
Final Abstract submission Closes on	26 th September 2024		
Early Bird Registration	21st July 2024		
On spot registration:	14 th October 2024		

REGISTRATION INCLUDES

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Venue: Renaissance London Heathrow Hotel, London, UK

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33 Market Point Dr, Greenville, SC 29607, USA