MAVERIC SCIENTIFIC CONFERENCES

Scientific Program

5th International Virtual Summit on Materials Science and Engineering
November 14-15, 2026 | Virtual Conference

Materials Science 2026

Virtual (Zoom Meeting) **Time Zone: GMT+0 (London, UK)**

November 14, 2026 | Time: 07:00AM

07:00-07:05	Opening Ceremony
Keynote Speaker Session	
07:05-07:30	Title: Effects of matrix defects on the formation and structural integrity of oxide layer in ODS steel exposed to lead-bismuth eutectic
	Jie Qiu, Xi'an Jiaotong University, China
07:30-07:55	Title: Returning Mobility to Over 45,000 Patients Using Next Generation Biomaterials
	Thomas J. Webster, Brown University, USA
07:55-08:20	Title: Understanding the response of FRP material under close-in blast scenario
	Debjyoti Roychowdhury, Civil Engineering Department, India
08:20-08:45	Title: Enhanced Efficiency of CZTS Solar Cells with Reduced Graphene Oxide and Titanium Dioxide Layers: A SCAPS Simulation Study
	Darwuin Arrieta Mendoza, Hassan II University, Morocco
Plenary Speaker Session	
Sessions	Materials Science and Engineering | Electrochemistry | Industrial Chemistry & Applied| Materials Chemistry | Magnetic Materials |Graphene and 2D Materials

Session Chairperson	**Socratis Thomaidis, National and Kapodistrian University of Athens, Greece**
08:45-09:10	**Title: Taxonomic Exploration of Healthcare IoT: Challenges, Solutions, and Future Frontiers**
	Lutifa Alashlam, Institute of Graduate Research and Studies, Libya
09:10-09:35	**Title: The Hardware Isolation Gap: A Systematic Survey of BitLocker Forensics in the TPM 2.0 Era**
	Vinay Kumar Sankalagere Ramesh, PES University, India
09:35-10:00	**Title: A Novel Organic–Inorganic-Nanocomposite-Based Reduced Graphene Oxide as an Efficient Nanosensor for NO2 Detection**
	Pooya Gholami, Petroleum and Gas Eng, Semnan University, Iran
10:00-10:25	**Title: Advances towards environmental sustainability in cellulose-derived battery separators**
	Tayse Circe Turossi, University of Caxias do Sul, Francisco Getúlio Vargas St., Brazil
10:25-10:50	**Title: Solving a weather-sensitive inventory model using Goat search algorithm and Oyster collection algorithms**
	Suman Maity, Raja Narendra Lal Khan Women's College, W.B., India
10:50-11:15	**Title: Estructuras vulnerables ante movimienos sismicos**
	Yessica Zuleika Vargas Atencio, Miviot/Sistema Nacional de Proección Civil, Panama
11:15-11:40	**Title: Seeing is believing: Unraveling Gold Nanoparticles Genotoxicity via 4DAtomic Force Microscopy**
	Hosam Gharib Abdelhady, Sam Houston State University, USA
11:40-12:10	**Poster Speaker Session**
P001	**Title: Comparative Studies on Grain Quality and Pesticide Residues in Maize Stored in Hermetic and Polypropylene Storage Bags**
	Samuel Kofi Nyarko, University of Science and Technology, Ghana
P002	**Title: Insights into the Corrosion Inhibition Performance of Isonicotinohydrazide Derivatives for N80 Steel in 15% HCl Medium: An Experimental and Molecular Level Characterization**
	Abdelkarim Ait Mansour, University Ibn Zohr, Morocco
Closing & Award Ceremony	

Maveric Scientific Conferences
473 Mundet Place, Ste US689272 Hillside, New Jersey, 07205, USA
Email: materials@mavericscientific.com Phone No: +1- 973-253-3800