

2nd International Summit on

MATERIALS SCIENCE AND **ENGINEERING**

March 19-20, 2026

March 19-20, 2026 (In-Person at Ambassador Hotel Bangkok, Thailand)
& March 21, 2026 (Virtual Via Zoom Platform)

Venue: Ambassador Hotel Bangkok, Thailand

Theme:

"Innovations
& Advanced
Technologies in
Materials Science"

Name	Affiliation	Title
Plenary Presentations		
Prof. Orlando Auciello	University of Texas at Dallas, USA	Materials Science/Technologies Development of Transformational Multifunctional Films for New Generations of Industrial, High-Tech, and Biomedical Devices/Prostheses To Improve Way/Quality of Life
Vladislav A. Sadykov	Novosibirsk State University, Russia	Design of Nanocomposite Materials for Advanced Energy Field
Keynote Presentations		
Dr. Ping Liu	Key Laboratory of Luminescent Materials and Devices, China	Flexible Organic Electrochromic Devices Having Multicolored, Low-Voltage-Driven and High Contrast and Organic Photovoltaic Properties Based on Oligomers and Viologen Derivatives
Attapon Cheepsattayakorn	Navamindradhiraj University, Bangkok, Thailand	Nanomedicine in Pneumococcal Infection and Diseases Prevention and Therapeutics
Alois K. Schlarb	Rhineland-Palatinate University of Technology Kaiserslautern-Landau (RPTU), Germany	Smart Processing: The Key to High-Quality Components Made of Polymer Fiber Reinforced Polymers Using Extrusion-Based 3D-Printing
Jitladda Sakdapipanich	Psychiatric Hospital of Havana, Cuba	Direct Evidence of Viral Infection and Mitochondrial Alterations in the Brain of Fetuses at High Risk for Schizophrenia
Prof. Jon Binner	University of Birmingham, UK	Ceramic-Based Composites for Severe Environments
Prof. Kriveshini Pillay	University of Johannesburg, South Africa	Heavy-Metal Loaded Nanocomposites As Novel Photocatalysts for the Degradation of Organic Pollutants
Oral Presentations		
Professor V.G. Plekhanov	Fonoriton Science Lab, Estonia	Isotopical Creation of Semiconducting Graphene
Thomas J. Webster	Hebei University of Technology, China	30,000 Nanotextured Orthopedic Implants in Humans: No Failures, No Infection and Still Counting

Christl Lauterbach	<i>Future-Shape GmbH, Germany</i>	A Smart Textile Sensor System Providing an Intelligent Floor
Dr. Sudip Kumar Das	<i>University of Calcutta, India</i>	Effects of TiO₂ Nanoparticle on the Formation of Bioactive Glass Ceramics in the CaO–Al₂O₃–SiO₂–P₂O₅–CaF₂–ZrO₂ System
Dr. Paul Olaru	<i>AGIR Univ POLITEHNICA-Bucharest, Romania</i>	Plasma Surface Wear-resistant Titanium Aircraft Alloys
Vladimir V. Egorov	<i>Kurchatov Institute, Russia</i>	Quantum-Classical Mechanics: Principles, Applications and Prospects
Dr. Anil Ramdas Bari	<i>Commerce and Science College, Maharashtra, India</i>	Nanostructured Zinc Oxide Chemical Sensor
Prof. Glen Bright	<i>University of KwaZulu-Natal, South Africa</i>	Mechanical Performance of Unidirectional CFRP Materials Under Varying Environmental Conditions Applicable to Composite Wind Turbine Blades
Prof. Abraham Shanzer	<i>Weizmann Institute of Science, Israel</i>	Biomimetic Chemistry: Principles of Molecular Recognition and Enzyme Mimicry

Eye Relaxation Break

Hadi Erfani	<i>Mahidol University, Thailand</i>	Decoding Natural Rubber Networks: Molecular Insights for High-Performance and Sustainable Elastomer Design
Segundo Mesa Castillo	<i>Islamic Azad University, Iran</i>	Can Waste Management Change the World of Environment?
Dr. Khetraj Dahal	<i>Lumbini International Academy of Science and Technology, Nepal</i>	Tools, Plants and Equipment Mobilization in Construction Project with Special Reference to Federal Parliament Building Complex of Singha Durbar, Kathmandu, Nepal
Dr. Farah Jemili	<i>University of Sousse, Tunisia</i>	Generative Artificial Intelligence for Cyber Security
Mr. Albin Kaelin	<i>CEO, Epeaswitzerland GmbH, Switzerland</i>	Cradle to Cradle Design Innovations
Prof. Haitham Bahaidaraha	<i>King Fahd University of Petroleum and Minerals, Saudi Arabia</i>	Effective Use of Thermoelectric Modules in Water Distillation

Poster Presentation

Ibad Ali Khan	<i>King Fahd University of Petroleum and Minerals, Saudi Arabia</i>	Olive Leaves Activated Carbon for Supercapacitor Applications
----------------------	---	--

End of the Conference