



3rd World Congress on
**Advanced Materials &
Mechanical Engineering**

04-05

JUNE 2025

Paris, France

Venue: Hotel Mercure Paris Porte de Pantin
22 Av. Jean Lolive, 93500 Pantin, France

**Theme: Exploring the
Possibilities in the Field of
Advanced Materials and
Mechanical Engineering**

Whatsapp: +1(408)-933-9154

Email: advancedmaterials@inovineconference.com

Website: <https://advancedmaterialscongress.com>

Keynote Presentation

Thomas J. Webster

Hebei University of Technology,
United States

Title: 30,000 Nanotextured Implants with No Failures...And Still Counting

Keynote Presentation Slots are Available...

Oral Presentations

Katarzyna Ziętkowska

Warsaw University of Technology, Poland

Title: Modification of polyester gelcoat with functionalized organosilicon compounds to obtain anti-icing performance

DEMMOUCHE Abbassia

Djillali Liabes University of Sidi Bel Abbes,
Algeria

Title: Mouthwash Formulation based on Wild Olive Extract *Olea europaea sylvestris*

Dr. Yaru Cao

Peking University, China

Title: A strategy for fabricate ultralight high load-bearing/ thermal insulation/ flame retardancy/ multifunctional microwave absorbing composite with high temperature resistance by 3D integrated hollow E-glass fabric

Osman Adiguzel

Firat University, Turkey

Title: Shape Memory Phenomena and Functional Characterization of Shape Memory Alloys

Edi Kachal University of Szeged, Hungary	Title: Synthesis and Characterization of Various Silver Nanoparticles Encapsulated in Silica Shell
Muhammad Sana Ullah Florida Polytechnic University, United States	Title: Carbon Nanotubes (CNTs) Chirality Effect on Semiconductor Device Modeling
Franciely Rufino de Almeida Lima University of São Paulo, Brazil	Title: Lipid-Based Nanocarriers Loaded with Combination Drugs: A Promising Therapeutic Approach for the Treatment of Glioblastoma Multiforme and ESG
Jean Jacques Bonvent Federal University of ABC, Brazil	Title: Development of Nanostructured Magnetic Core-Shell Systems for Controlled Drug Release
Liz M. Díaz-Vázquez University of Puerto Rico, Puerto Rico	Title: Ecotoxicity of Bare and Algal Polysaccharide-Coated Metal Nanoparticles: A Comparative Study Using <i>Aliivibrio Fischeri</i> as a Model Organism to Predict Marine Environmental Safety
Dinorah Martinez University of Puerto Rico, United States	Title: Lead Capture Using Nano Zerovalent Iron Materials for Environmental Remediation Applications
Devika Chithrani University of Victoria, Canada	Title: Emerging Nanotechnology and Advanced Materials for Cancer Radiotherapy
Wendy Pantoja University of Puerto Rico, United States	Title: Andrographolide-Loaded Gold Carbon Quantum Dots and Their Doped Derivatives for Enhanced Hydrophilicity in a Drug Delivery System

Marwène Oumezzine
University of Monast, United kingdom

Title: Epitaxial Growth and Giant Magnetoresistance (GMR) in Perovskite Epilayers

Zahra Samadi
Istanbul University, Turkey

Title: Synthesis and Characterization of Super-Hydrophilic PVA-TiO₂ and PEGTiO₂ Nanocomposite Thin Films and Investigation of their Photocatalytic Characteristics

Paulo De Morai
University of Brasília, Brazil

Title: Carbon Dot-polymer Nanocomposite: The Way for Room-Temperature Magnetic Ordering

Abdeen Mustafa Omer
Energy Research Institute,
United Kingdom

Title: Heat Exchanger Technology and Applications: Ground-Source Heat Pump System for Buildings Heating and Cooling

Alexander G. Ramm
Kansas State University, United States

Title: Creating Materials with a Desired Refraction Coefficient and Other Applications

Vladimir Chigrinov
Hong Kong University of Science and
Technology, Hong Kong

Title: Azodye Photoaligned Nanolayers for Liquid Crystal Devices: Physics and Applications

Aneesha
Delhi Technological University, India

Title: Development and Characterization of MoSe₂ Quantum Dots for Sensing Applications

Rahul Hajare
Sandip University, India

Title: Overview and Origins of Molluscicides

Oral Presentation Slots are Available

Poster Presentation Slots are Available
