

ICAMEM2023

The 12th International Conference on Advanced Materials and Engineering Materials

<https://www.icamem.org/>

15-18

DECEMBER

BANGKOK, THAILAND

Welcome to the 12th International Conference on Advanced Materials and Engineering Materials (ICAMEM2023)! We are excited to announce that the conference will be held on **December 15-18, 2023 in Bangkok, Thailand**. ICAMEM since 2011 is a well-known international assembly that focuses on advanced materials science, engineering, and technology. ICAMEM offers truly comprehensive platforms for students, researchers, policymakers, entrepreneurs, and professionals from academia and industry to promote multi-inter-trans-disciplinary research, innovation, and technology in the field of advanced materials. All accepted papers will be published in **Springer Proceedings in Physics [ISSN:0930-8989]** and submitted for major indexing service like **El-Compindex, SCOPUS** and etc.

Keynote & Invited Speakers



Prof. Daniel John Blackwood
National University of Singapore, Singapore



Prof. Kwang Leong Choy
Duke Kunshan University



Prof. Weimin Huang
Nanyang Technological University, Singapore



Prof. Chun IL Kim
University of Alberta, Canada



Prof. Selvam Pillay
University of Alabama at Birmingham, USA



Prof. Pranut Potiyaraj
Chulalongkorn University, Thailand



Prof. Laichang Zhang
Edith Cowan University, Australia



Prof. Zengtao Chen
University of Alberta, Canada



Asst. Prof. Matteo Seita
University of Cambridge, UK



Prof. Ali Reza Kamali
Northeastern University, China



Prof. Edwin Chi-Yan TSO
City University of Hong Kong, China



Prof. Efstathios Meletis
University of Texas at Arlington, USA



Prof. Steve Franklin
University of Sheffield, UK



Prof. William Skene,
University of Montreal, Canada



Prof. Kazutaka Shirai
Hokkaido University, Japan



Dr. João Horta Belo
University of Porto, Portugal



Prof. Gennadi Mikhasev
Belarusian State University, Belarus



Dr. Gao Shubo
Nanyang Technological University, Singapore



Asst. Prof. Xavier Moya
University of Cambridge, UK

Main Topics

Topics of interest for submission include, but are not limited to
More topics: <https://www.icamem.org/cfp.html>

T1: Surface Science and Engineering

Thin Films, Materials Surface & Interfaces
Surface and Interface Phenomena
Surface and Interface Analysis and Properties
Thin Film Growth & Epitaxy
Surface Coating Technology
Corrosion Engineering
Surface characterization
Interfaces and thin films
Tribology
Nanostructured materials
Smart applications of surfaces and interfaces
Applied Surface Science
Surfaces and Interfaces

T2: Nanomaterials and Nanotechnology

Nano-Alloys
Nano/Meso-Structured Carbon Materials
Nanostructured Materials
Nanofabrication
Functional Nanomaterials
Green Nanotechnology
Nano Engineering
Nanomaterials, biomaterials & synthesis
Carbon nanotechnology
Nanotechnology & Wet Nanotechnology
Nanotechnology in Structural Biology
Biomaterials and Nano biotechnology
Organic and Inorganic Nano materials
Synthesis of nanomaterials and properties
Thin Films, nanotubes and nanowires
Nano and microfibrillated cellulose
Micro, nano and bio fluidics

T3: Advanced Energy Materials

Fuel Cells
Electrolyte Materials
Materials and Technologies for Energy Conversion
Electrochemical energy storage
Hydrogen -making and hydrogen storage materials
Solar Energy Materials
Solar Systems Integration
Solar Thermal
Fuel cells and Biofuels
Photocatalysis and Electrocatalysis
Batteries, Supercapacitors and Solid
CO₂ Capture, Storage & Conversion
Geothermal Energy
Renewable Fuels
Synthesis and Characterization

T6: Graphene Technology

Graphene and ultra tin 2D materials
Graphene 3D printing
Graphene The Ultra-Capacitor
Graphene devices
Large scale graphene production and Characterization
Graphene-based nanocomposites
Applications of graphene and related 2D materials
Graphene-related health and environment research
Application of Graphene in biomedical area
Graphene nano In Energy and Storage
Graphene: Innovation and commercialization
Graphene modification and functionalization
Graphene and fullerenes

T5: Polymer Science and Technology

Ring-opening metathesis polymerization
Plastics and the Environment
Lasers in Polymer Science and Technology
Polymer Matrix Composites and Technology
Metal Matrix Composites and Technology
Ceramics Matrix Composites and Technology
Polymer Chemistry
Polymer Design and Modelling
Polymer Nanocomposites
Advanced Polymer Structures
Biopolymers
Chemical and Mechanical Properties of Polymer
Polymer Rheology
Bio-Polymers
Applications of Polymers
Polymer Industry

T6: Composite Materials

Advanced Composite Materials
Automotive Composites
Polymer Composites
Ceramic Based Composites
Nanocomposites
Biocomposites
Metal matrix Composites
Polymer matrix Composites
Ceramic matrix Composites
Biomedical Composites
Carbon Matrix Composites
Multi-functional Composites
Nanotechnology Composites
Textile Composites

Submission Method

Open conf submission system:
<https://www.icamem.org/openconf/openconf.php>
Email submission: cfp@icamem.org.

Contact Us

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Important Dates

Full Paper Due: Oct. 17, 2023(AoE)
Notification Date: Oct. 24, 2023
Registration Deadline: Oct. 31, 2023
Conference Date: Dec.15-18, 2023

