Call For Papers

SMAM 2025

The 10th International Conference on Sustainable Metallurgy and Advanced Materials

July 25 to 27, 2025 | Jeju Island, South Korea

Welcome to SMAM 2025

The 10th International Conference on Sustainable Metallurgy and Advanced Materials (SMAM 2025) is scheduled to be held in **Jeju Island, South Korea** from **July 25 to 27, 2025**.
The conference focuses primarily on metallurgy, sustainable metallurgy, advanced materials science. The conference and the publications arising from it will trigger further related research and technological improvements in this important field. We warmly welcome all research peers, industry leaders, and students to participate in this transformative event.

Publication

SMAM welcomes all papers within the scope of metallurgy technology and materials, covering a wide range of subfields. Submitted papers will be strictly reviewed by organizing committees. Accepted and presented papers will be included in SMAM 2025 Conference Proceedings, which will be submitted for inclusion in major databases such as **EI Compendex, Scopus and Scholar**

Submission

- Submit by Open conf:
  http://www.icsmam.cc/openconf/openconf.php

Important Dates

- Submission Deadline: June 5, 2025
- Notification Date: June 25, 2025
- Registration Deadline: June 15, 2025
- Conference date: July 25-27, 2025

Contact Us

Email: cfp@icsmam.cc

Note

Starting in 2025, the conference will be rebranded as the "10th International Conference on Sustainable Metallurgy and Advanced Materials (SMAM)."

Main Topic

Sustainable Metallurgical Processes
- Green Extraction Techniques
- Recycling of Metals
- Bioleaching and Bioremediation
- Energy-Efficient Metallurgical Processes
- Hydrometallurgy Advances
- Electrochemical Metallurgy
- Waste Minimization in Metallurgy
- Life Cycle Assessment in Metallurgy

Advanced Materials for Sustainable Applications
- Lightweight Alloys
- High-Performance Coatings
- Smart Materials
- Biodegradable Composites
- Nanomaterials for Sustainability
- Reinforced Sustainable Materials
- Thermal Management Materials
- Sustainable Ceramics

Recycling and Circular Economy in Metallurgy
- Closed-Loop Recycling Systems
- Urban Mining
- End-of-Life Metal Recovery
- Material Flow Analysis
- Policy and Regulation for Recycling
- Consumer Awareness and Participation
- Innovative Recycling Technologies
- Economic Viability of Recycling

Environmental Impact and Sustainability Assessment
- Carbon Footprint of Metallurgical Processes
- Water Management in Metallurgy
- Air Quality and Emissions Control
- Sustainability Metrics and Indicators
- Impact of Mining on Ecosystems
- Sustainable Supply Chain Management
- Environmental Risk Assessment
- Community Engagement in Sustainable Practices

Innovations in Material Characterization and Testing
- Advanced Characterization Techniques
- Non-Destructive Testing Methods
- Microstructural Analysis
- Mechanical Properties Testing
- Corrosion Resistance Evaluation
- Thermal and Electrical Conductivity Testing
- Fatigue and Fracture Testing
- Modeling and Simulation of Material Behavior

Policy, Education, and Industry Collaboration
- Sustainable Metallurgy Policies
- Industry-Academia Partnerships

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