

ICMCTF 2025

51st International Conference on
Metallurgical Coatings & Thin Films
May 11-16, 2025 | San Diego, CA

CALL FOR ABSTRACTS AND AWARDS NOMINATIONS DEADLINE: NOVEMBER 15, 2024.

“Surface Engineering for Sustainable Development”

The **51st International Conference on Metallurgical Coatings and Thin Films (ICMCTF 2025)** will be held at the Town & Country Resort, San Diego, California, USA, from May 11-16, 2025. ICMCTF is the premier international conference in the field of thin film deposition, characterization, and advanced surface engineering, promoting a global exchange of ideas and information among scientists, technologists, and manufacturers. ICMCTF 2025 technical sessions will have an overarching theme that emphasizes materials, processes, and applications relevant for sustainable development and will include a related Topical Symposium.

The Conference includes more than 90 high-profile invited speakers, in over 40 sessions, across technical symposia, plenary and keynote lectures, short courses, an awards program, and daily social networking events.

A major exhibition of equipment, materials, technical literature, and new technologies is a key part of the conference. Attendees from all over the world come to present their findings, exchange ideas, share insights, make new friends, and often establish collaborations. The Conference typically draws 700 attendees.

TECHNICAL SYMPOSIA

Processes

PP. Plasma and Vapor Deposition Processes

Materials

MA. Protective and High Temperature Coatings

MB. Functional Thin Films and Surfaces

MC. Tribology and Mechanics of Coatings and surfaces

MD. Surface Engineering of Biomaterials, Medical Devices, and Regenerative Materials

Characterization & Computation

CM. Advanced Characterization Modelling and Data Science for Coatings and Thin Films

Industry & Applications

IA. Surface Engineering – Applied Research and Industrial Applications

TOPICAL SYMPOSIUM

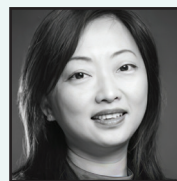
Sustainable Surface Engineering

TS1. Coatings for Batteries and Hydrogen Applications

TS2. (Photo)electrocatalysis and Solar/Thermal Conversion

TS3. Circular Strategies for Surface Engineering

PLENARY SPEAKER

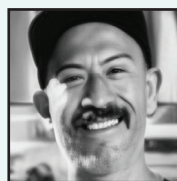


Y. Shirley Meng

Chief Scientist, ACCESS, Argonne National Lab, Professor, Pritzker School of Molecular Engineering, The University of Chicago

“Past, Present and Future of All Solid State Batteries—Challenges and Opportunities”

EXHIBIT KEYNOTE SPEAKER



Juan Flores Preciado

Principal Engineer, SpaceX

“Surface Engineering & Rocket Science”

PROGRAM CHAIR

Peter Kelly

Manchester Metropolitan University, UK

GENERAL CHAIR

Johanna Rosen

Linköping University, Sweden

