

TENTATIVE PROGRAM OUTLINE

7th International conference on

Materials Science & Engineering

July 06-08, 2026 | Boston, MA, USA

Day 1 July 06, 2026 (Monday)

Theme: Materials Design, Modeling & Advanced Materials

- 08:00–09:00 Registration & Welcome Coffee
- 09:00–09:10 Welcome Address & Conference Overview
- 09:10–10:30 Plenary Session I
- 10:30–11:00 Coffee Break
- 11:00–13:00 **Technical Session I: Materials Design & Discovery**
Computational Materials Science & Theory
AI-Driven Materials Discovery
- 13:00–14:00 Lunch Break
- 14:00–16:00 **Technical Session II: Characterization & Functional Materials**
Advanced Characterization & In-situ Techniques
Advanced Functional Materials
Applied Materials Science
- 16:00–16:30 Coffee Break
- 16:30–18:00 **Technical Session III: Structural & Smart Materials**
Hybrid & Multi-Scale Materials
Smart & Responsive Materials
Structural & Mechanical Materials
- 18:00–19:00 Poster Presentation & Networking Drink

Day 2 July 07, 2026 (Tuesday)

Theme: Energy, Sustainability, Electronics & Nano-Materials

- 09:00–10:30 Plenary Session II
- 10:30–11:00 Coffee Break
- 11:00–13:00 **Technical Session IV: Energy & Sustainable Materials**
Energy Harvesting & Storage Materials
Sustainable & Green Materials
Materials for Circular Economy & Recycling Technologies
Carbon Materials & Emerging Allotropes

13:00–14:00 Lunch Break

14:00–16:00 **Technical Session V: Electronic, Magnetic & Photonic Materials**

Electronic & Semiconductor Materials
Magnetic & Spintronic Materials
Optical, Photonic & Quantum Materials
Surface & Interface Engineering

16:00–16:30 Coffee Break

16:30–18:30 **Technical Session VI: Nano & Next-Generation Materials**

Nanomaterials & Nanotechnology
2D Materials & Emerging Nanostructures
Composite & Hybrid Nano-Materials
Nano-Manufacturing & Nano-Safety

Day 3 July 08, 2026 (Wednesday)

Theme: Health, Industry & Specialized Materials

09:00–10:30 Plenary Session III

10:30–11:00 Coffee Break

11:00–13:00 **Technical Session VII: Materials for Health & Society**

Biomaterials & Tissue Engineering
Materials in Drug Delivery & Therapeutics
Polymers, Biopolymers & Bio-Inspired Materials
Ceramics, Glass & Implantable Materials

13:00–14:00 Lunch Break

14:00–16:00 **Technical Session VIII: Industry, Infrastructure & Specialized Materials**

Materials for Aerospace, Automotive & Manufacturing
Materials for Construction & Civil Infrastructure
Nuclear Materials & Radiation-Resistant Materials
Mining, Metals & Metallurgy

16:00–16:30 Coffee Break

16:30–17:00 **Awards & Closing Ceremony**

Best Poster Awards
Conference Summary & Closing Remarks

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