



14th European Electric Steelmaking Conference



5th International Conference on Energy and Material
Efficiency and CO2 Reduction in the Steel Industry



DATE

11-13 MAY 2026

LOCATION

MILAN · ITALY

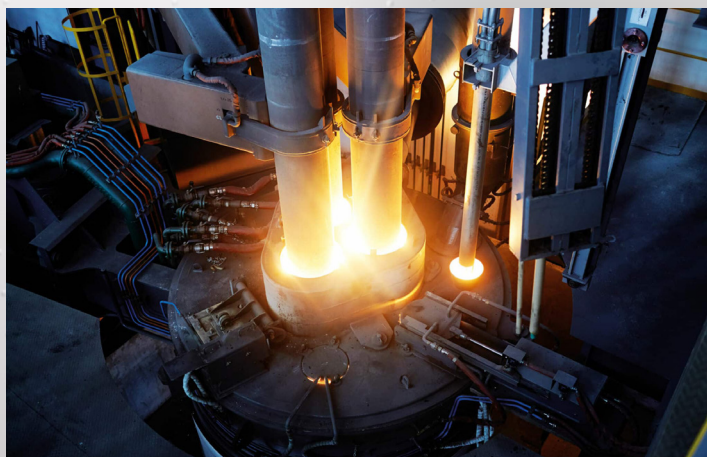


ORGANISED BY

**ASSOCIAZIONE
ITALIANA DI
METALLURGIA**

IN COLLABORATION WITH

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THE ITALIAN STEEL COMMUNITY



EEC 2026 & EMECR 2026 will be jointly held by AIM, Italian Association for Metallurgy, in Milan on 11-13 May 2026!



The 14th European Electric Steelmaking conference (EEC 2026) will cover a wide range of topics related to the production of steel using electric arc furnaces (EAFs) and other electric-based processes.

Steel manufacturers and producers, Equipment suppliers and technology providers, Researchers and academics, Policy makers and regulators, Environmental consultants, Industry analysts and investors will be able to meet and share knowledge and best practices, identify new research areas and collaboration opportunities, develop strategies to address industry challenges and promote sustainable and efficient electric steelmaking practices.



The first EMECR was held in 2011 in Germany, followed by UK in 2014, Japan in 2017 and Brazil in 2022. Thanks to these successful events, the EMECR has become a recognized

forum for high level discussions on environmental related topics such as CO2 reduction, materials efficiency and product life cycles in the steel industry worldwide.

EEC 2026 & EMECR 2026 will provide opportunities for networking with industry leaders, researchers, and policymakers, discussing collaborative projects and partnerships.

EEC 2026 & EMECR 2026 comprehensive scope ensures that the conference addresses the current challenges and future opportunities in the steelmaking industry, fostering innovation and sustainability.

The Conferences will be enriched with an exhibition, where sponsors will be able to display new technologies and equipment.

■ Call for Papers

Prospective authors wishing to present papers are invited to submit a tentative title and an abstract of about 400 words (in English), specifying a maximum of two topics for each proposal.

The abstract should provide sufficient information for a fair assessment. The name of the presenting author should be underlined. A poster session might be organized as well.

Abstracts should be submitted online at www.aimnet.it/eec2026

■ Deadlines

Abstracts submission:	28 November 2025
Notification of acceptance:	30 January 2026
Speakers registration & Early-bird registration:	13 March 2026
Full paper submission:	31 March 2026

■ Language

The Conference language will be English.

■ Proceedings

The full text of the accepted papers will be published in the electronic proceedings and issued to attendees on arrival at the Conference. Certain papers may be considered for publication in the AIM journal *La Metallurgia Italiana* – International Journal of the Italian Association for Metallurgy, which is covered in the Science Citation indexed by Clarivate Analytics (formerly Thomson Reuters), and in Scopus by Elsevier B.V.



■ Topics

The scope of EEC 2026 will include, but is not limited to, the following areas:

1. Technological Advancements

- Innovations in electric arc furnace (EAF) technology.
- Developments in ladle metallurgy and secondary refining.
- Induction Furnaces.
- High Temperature Resistance Furnaces.
- Automation and digitalization in electric steelmaking.
- Use of artificial intelligence (AI) and machine learning in process optimization.

2. Process Optimization

- Energy efficiency and consumption reduction strategies.
- Optimization of raw material usage, including scrap metal and direct reduced iron (DRI).
- Process control and quality improvement techniques.
- Slag control.
- Reduction of greenhouse gas emissions and environmental impact.

3. Materials and Raw Materials

- Sourcing and quality of scrap metal.
- Use of alternative iron sources like DRI, HBI (Hot Briquetted Iron), and pig iron.
- Alloying elements and their impact on steel properties.
- Recycling and circular economy in steelmaking.

4. Environmental and Sustainability Issues

- Carbon footprint reduction strategies.
- Integration of renewable energy sources in electric steelmaking.
- Waste management and by-product utilization.
- Life cycle assessment (LCA) of electric steelmaking processes.
- Compliance with environmental regulations and standards.
- Exploitation of slag and by-products.

5. Case Studies and Best Practices

- Successful implementation of electric steelmaking technologies.
- Lessons learned from operational challenges and solutions.
- Best practices in energy management and process optimization.

6. Research and Development

- Ongoing research in electric steelmaking.
- Collaboration between academia and industry.
- Future directions and emerging technologies in the field.

7. Safety and Workforce Development

- Safety protocols and risk management in electric steelmaking.
- Training and skill development for the workforce.
- Human factors and ergonomics in steel plant operations.

8. Economic and Market Trends

- Global and regional market trends in electric steelmaking.
- Cost analysis and economic viability of electric steelmaking.
- Impact of trade policies and tariffs on the steel industry.
- Future demand for electric steel products.

9. Integration with Other Industries

- Synergies between electric steelmaking and other industries (e.g., automotive, construction).
- Collaborative efforts in research and development.
- Cross-industry innovations and applications.

10. Future Outlook

- Predictions for the future of electric steelmaking.
- Potential disruptions and opportunities in the industry.
- Long-term sustainability goals and strategies.

11. Policy and Regulatory Framework

- Government policies supporting electric steelmaking.
- International standards and certifications.
- Impact of climate change policies on the steel industry.



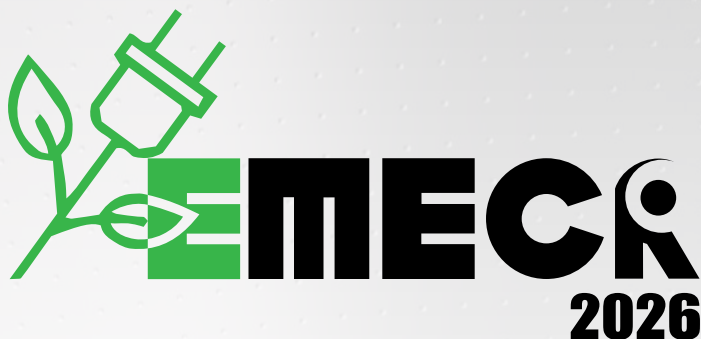
■ Topics

The scope of EMECR 2026 will include, but is not limited to, the following areas:

- New and emergent ironmaking Technologies (hydrogen, biomass, electrolysis, etc.)
- Major improvements in Blast Furnace ironmaking
- Emission avoidance, renewable gases and CO2 mitigation in steel industry
- Circularity and by-product management in steel industry
- Cleaner Production and Technologies in Steel Industry
- Carbon offsets
- Energy savings and energy efficiency optimization
- Water recirculation and usage
- Life Cycle Assessment
- Recent progress and new developments in CCS/CCU



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Organising Committee

Federica Bassani - AIM General Secretary

Ettore Bordon - Cogne Acciai Speciali

Sabrina De Donato - AIM Secretariat

Carlo Mapelli - Politecnico di Milano

Davide Mombelli - Politecnico di Milano

Silvano Panza - AIM President

Alessandra Saleri - President of AIM Forging Technical Committee

Valentina Tavana - Siderweb

Compliance Rules

AIM and all cooperating organizations are committed to adhering strictly to all applicable antitrust laws. Within the context of EEC 2026 and EMECR 2026 it is strictly prohibited to discuss competitively sensitive subjects such as price fixing agreements or agreements on quantities.

Exhibition & Sponsorship

The detailed exhibiting and sponsorship packages will be available on the EEC 2026 & EMECR 2026 website in the following months. In the meantime, companies interested in taking part in the Exhibition or sponsoring the event may contact:

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Contacts

For inquiries, contact:



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