



9th ECIC

European Coke and Ironmaking Congress

COAL, COKE, BIOCOAL, BIOCOKE, BIOCHAR AND IRON REDUCTION

Bardolino . Italy . 16-18 October 2024

AIM is glad to announce the 9th European Coke and Ironmaking Congress (ECIC) to be held in Bardolino, Italy, on 16-18 October 2024.

ECIC 2024 will focus on the newest technologies in coke making, sintering, pelletizing, pyrolyzing the biomasses and ironmaking (blast furnaces, direct reduction and carbon-based smelting processes).

The 2025 goal of carbon neutrality and the related intensive efforts of the steel industry will significantly affect the technologies for iron ore reduction. In this perspective, the shortage of iron ores matching the requirement for direct reduction by gas and for melting in electric arc furnace makes important proposal of new technologies and devices that can ensure the carbon neutrality even for the coal based routes.

This Congress will focus on technologies that can achieve such a goal improving the efficiency of the existing process, applying the devices that avoid a net emission of green house gases and to point out new routes based on exploitation of biomasses whose net emission is intrinsically neutral.

SCOPE AND TOPICS

The 9th ECIC will address both fundamental research work and evaluation and plant operational results and plant construction. The Congress will bring together a wide range of experts, coming from plant operation, plant suppliers, universities and research institutes, who share expertise in:

- Cokemaking
- Production of Biocoal/biochar
- Industry 4.0 in ironmaking
- Sintering, pelletising, briquette production
- Direct reduction and Smelting reduction
- Blast furnace ironmaking
- Blast Furnace muds
- CCS/CCUS (Carbon Capture, Use and Storage)
- Impact of Carbon Border Adjustment Mechanism (CBAM)
- H2 and Syngas exploitation

The event will provide a forum for best practise and state-of-the-art technology, new developments, new ideas and research results.

CONGRESS CHAIRMEN

Prof. Carlo Mapelli - Politecnico di Milano, Italy

Prof. Johannes Schenk - Montanuniversität Leoben, Austria

BACKGROUND

The Coke and Ironmaking events started separately as the European Ironmaking Congress (EIC) in 1986 in Aachen, Germany, and in 1991 in Glasgow, Scotland, and as the International Cokemaking Congress (ICMC) in 1987 in Essen, Germany, and in 1992 in London, England.

The merger of these two events took place in 1996 as the European Coke and Ironmaking Congress (ECIC) in Gent, Belgium.

1st EIC - Aachen, 1986

1st ICMC - Essen, 1987

2nd EIC - Glasgow, 1991

2nd ICMC - London, 1992

3rd ECIC - Gent, 1996

4th ECIC - Paris, 2000

5th ECIC - Stockholm, 2005

6th ECIC - Düsseldorf, 2011

7th ECIC - Linz, 2016

8th ECIC - Bremen, 2022

www.aimnet.it/ecic





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SUBMISSION OF PAPERS AND DEADLINE

All paper proposals must be submitted online, at www.aimnet.it/ecic, by 30 April 2024

All abstracts will be refereed by the scientific international experts. In the case of too many submissions, abstracts of equal quality will be accepted on a first come, first serve basis.

To submit an abstract, please proceed as follows:

1. Write your abstract (max. 300 words).
2. Submit your abstract online at: www.aimnet.it/ecic > Call for Papers section (please fill out all fields).
3. Papers must be submitted in English.

IMPORTANT DATES & DEADLINES

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|--------------------|---|
| 30 April 2024 | Abstract submission |
| 31 May 2024 | Notification of acceptance & delivery of speaker guidelines |
| 12 July 2024 | Full paper submission |
| 30 September 2024 | PowerPoint presentation slides |
| 16-18 October 2024 | ECIC Congress |

ECIC FOR EXHIBITORS AND SPONSORS

The Congress will be enhanced by an Exhibition at which companies will have the opportunity to inform all delegates of their latest developments. The Exhibition area will be a focal point of the Congress. Companies will be able to reinforce their participation and enhance their corporate identification by taking advantage of benefits offered to them as Contributing Sponsors of the Congress. Sponsorship and exhibitor packages will be available at www.aimnet.it/ecic in the following months. In the meantime, companies interested in taking part in the Exhibition or sponsoring the event may contact:

siderweb
THE ITALIAN STEEL COMMUNITY

e-mail: commerciale@siderweb.com · tel. +39 030 2540006

COMPLIANCE RULES

AIM and all cooperating organizations are committed to adhering strictly to all applicable antitrust laws. Within the context of 9th ECIC it is strictly prohibited to discuss competitively sensitive subjects such as price-fixing agreements or agreements on quantities. More information at: www.aimnet.it/ecic

VENUE

Hotel Caesius Thermae & Spa Resort · Via Peschiera, 3 - 37011 Bardolino VR · <https://www.hotelcaesiusterme.com/en/>

ORGANIZING SECRETARIAT



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CONFERENCE WEBSITE

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