

11th European Continuous Casting Conference

7 – 11 October 2024, Essen, Germany

Philharmonie Essen Conference Center



Call for Papers

Announcement

The European Continuous Casting Conference has become an established event in the conferences of the iron and steel producing industry. First held in Florence in 1991, it is still held regularly every 3 or 4 years. In 1994 in Düsseldorf, 1998 in Madrid, 2002 Birmingham, 2005 Nice, 2008 Riccione, 2011 again Düsseldorf, 2014 in Graz, 2017 in Vienna and for the last time 2021 in Bari, Italy. The upcoming 11th European Continuous Casting Conference from 7 to 11 October 2024 in Essen will be organized by the Steel Institute VDEh.

Regardless of the production route and resources, more than 95 % of the crude steel melted is currently continuously cast. The metal solidifies in the form of slabs, blooms or billets. During casting, the quality of the later product is determined, the product properties and the surface appearance are determined.

Call for Papers

The **ECCC** will cover the main topics of continuous casting.

The conference program aims to provide information on the latest developments in control and automation, advanced continuous casting technologies and permanent improvement of product quality. Steel metallurgical issues will be addressed as well as their physical and numerical simulation. Presentations on newest developments also in operating practice and maintenance will complement the program. The conference aims to promote the technical and scientific dialogue between delegates with industrial and academic backgrounds, as well as between participants of previous conferences and new members of the continuous casting community.

If you are active in the field of continuous casting as plant operator, plant supplier, researcher, consumption materials or services provider, do not miss this unique chance to present your latest technological developments, ideas and research results at this event by submitting your abstract for a technical paper.

Scientific Program Committee

Dr. mont. Michael Bernhard, Montanuniversität Leoben
Dr. Oliver Bode, AG der Dillinger Hüttenwerke
Dipl.-Geogr. Stefan Eigen, Steel Institute VDEh
Dr.-Ing. Sami Elsabagh, Georgsmarienhütte GmbH
Dipl.-Ing. Gerald Hrazdera, Primetals Technologies Austria
Dipl.-Ing. Sven Karrasch, thyssenkrupp Steel Europe
M.Sc. Katharina Klose, Deutsche Edelstahlwerke Speciality Steel GmbH & Co. KG, Witten
Dr. Marc Köster, VDEh-Betriebsforschungsinstitut GmbH
Dipl.-Ing. Gerhard Ney, Saarstahl AG
Dr. Markus Schäperkötter, Salzgitter Flachstahl GmbH
Dr. Jochen Wans, SMS group GmbH

Scope and Topics

The general aim of this European Continuous Casting Conference is to provide a forum at which steel producers, plant manufacturers and suppliers as well as research institutes and universities come together to discuss the newest technologies and developments in the field of continuous casting.

The conference will have the following technology-based topics:

- Plant Operational Practices, Results and Maintenance
- Plant Construction and Design, new CC Plants
- Metallurgy and Flow Control in Tundish
- Fluid Flow in the Mould, Lubrication and Solidification
- Product Quality Control and Detection of Surface Defects
- Electromagnetic Stirring in the Mould and in the partly solidified Strand
- Soft Reduction
- Cooling Technologies
- Near net Shape Casting
- Controlling Systems / Modelling and Simulation / Industry 4.0

Submission of Papers

All paper proposals must be submitted online. Please visit: <https://eccc-2024.com> and go to the Call for Papers section. There you will find an easy-to-use online submission form. Your abstract can be a maximum of 300 words. Please note that papers will only be accepted online.

Language

The conference language is English.

Deadline

Please submit your abstracts by 1 April 2024 at the very latest. All abstracts will be refereed by a Scientific Program Committee (SPC). In the case of too many submissions, abstracts of equal quality will be accepted on a first come, first serve basis.

Paper Proposal Submission

To submit an abstract, please proceed as follows:

- Write your abstract (max. 300 words).
- Submit your abstract online at: <https://eccc-2024.com>
 - > Call for Papers section (please completely fill out all fields).
- Papers must be submitted in English.
- All papers must focus on newest technologies and best practices.

Important Dates

1 April 2024 Abstract submission deadline

April/May 2024 Scientific Program Committee will evaluate submitted abstracts.

15 May 2024 Paper proposers will be informed about decision of the Scientific Program Committee. Delivery of authors guidelines.

1 September 2024 Full paper submission deadline.

15 September 2024 PowerPoint presentation slides deadline

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Venue

Philharmonie Essen

The Philharmonie Essen is an impressive convention centre with stunning architecture and outstanding acoustics, located in the city centre of Essen, Germany.

Accessibility by train

20 min. from Düsseldorf airport to Essen train station.

The Philharmonie is 700 m from the station.

Destination addresses for the navigation system

Underground car park:

Huyssenallee 53, 45128 Essen, Germany

Underground car park Philharmonie:

Huyssenallee 17, 45128 Essen

Compliance Rules

The Steel Institute VDEh and all cooperating organizations are committed to adhering strictly to all applicable antitrust laws. Within the context of the **ECCC** 2024 it is strictly prohibited to discuss competitively sensitive subjects such as price-fixing agreements or agreements on quantities.



Venue

Philharmonie Essen
Huyssenallee 53
45128 Essen

Host

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