

# 11<sup>th</sup> European Continuous Casting Conference

7 – 11 October 2024, Essen, Germany

Philharmonie Essen Conference Center



## Call for Papers



## Chairman's Welcoming

The dominance of current reporting on the green transformation of the steel industry has recently pushed the anniversary of another technical revolution in metallurgy into the background: Numerous steel companies have recently celebrated or will soon celebrate 50 years of continuous casting! No other technology - apart from the LD process - has given the steel industry of the 20th century such an innovative boost as continuous casting. I am therefore particularly pleased that the Steel Institute VDEh has offered me the chair of the 11th European Continuous Casting Conference (**ECCC**) at this time.

It is fair to say that continuous casting is not 50 years old, but 50 years young! Because this technology has remained truly young with its constant innovations: casting-rolling technology of medium size slabs, electromagnetic treatment in mold and strand guidance and finally innovative strip casting processes, to name but a few. Currently, many innovations are coming from the fields of automation and artificial intelligence. And this is where conferences like our **ECCC** come into play.

Conferences are a platform for communication, networking, ideas and innovation. People from all over the world come together to exchange and discuss expertise. In this way, the 11th **ECCC** will also become an important factor in the development of innovation.

With a combination of proven and new topics, factory tours and the accompanying trade exhibition, we will design a conference programme that will inspire visitors. Join us, present your innovations and become part of our programme with your presentation!

Dr.-Ing. Arnd Köfler  
CTO thyssenkrupp Steel Europe AG

## 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
- Dr.-Ing. René Hagemann**, Lech-Stahlwerke GmbH, Meitingen
- 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

## 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 15 May 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.

[www.eccc-2024.com](http://www.eccc-2024.com)

## 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

**15 May 2024** Abstract submission deadline

**May/June 2024** Scientific Program Committee will evaluate submitted abstracts.

**June 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

**7 – 11 October 2024** European Continuous Casting Conference

## 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

[www.eccc-2024.com](http://www.eccc-2024.com)

## 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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## Organizer

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