

SUBMISSION OF PAPERS

All paper proposals must be submitted online. Please visit: www.metec-estad2023.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 31 January 2023 at the very latest. 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.

PAPER PROPOSAL SUBMISSION

To submit an abstract, please proceed as follows:

- 1) Write your abstract (max. 300 words).
- 2) Submit your abstract online at: www.metec-estad2023.com
> Call for Papers section (please completely fill out all fields).
- 3) Papers must be submitted in English.
- 4) All papers must focus on best practices.

IMPORTANT DATES

31 January 2023 Abstract submission deadline.

January/February 2023 Scientific international experts will evaluate submitted abstracts.

February 2023 Paper proposers will be informed about decision of the Scientific international experts. Delivery of authors guidelines.

28 April 2023 Full paper submission deadline.

30 May 2023 PowerPoint presentation slides deadline.

12 – 16 June 2023 METEC & 6th ESTAD 2023

www.metec-estad2023.com

HOST

Steel Institute VDEh | Dr.-Ing. Hans Bodo Lungen
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ORGANIZATION

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IN COOPERATION WITH

The Austrian Society for Metallurgy and Materials (ASMET), Austria
The Swedish Steel Producers Association (Jernkontoret), Sweden
Associazione Italiana di Metallurgia (AIM), Italy

VENUE

CCD Congress Center Düsseldorf | DüsseldorfCongress
Veranstaltungsgesellschaft mbH | Stockumer Kirchstraße 61
40474 Düsseldorf | Germany | www.duesseldorfcongress.de
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TRAVEL

Düsseldorf is easily reachable by plane to Düsseldorf International Airport (DUS), railway or car. The CCD Congress Center Düsseldorf is set on the bank of the Rhine and linked to Messe Düsseldorf exhibition center.

COMPLIANCE RULES

The Steel Institute VDEh and all cooperating organizations are committed to adhering strictly to all applicable antitrust laws. Within the context of METEC & 6th ESTAD it is strictly prohibited to discuss competitively sensitive subjects such as price-fixing agreements or agreements on quantities.

www.metec-estad2023.com



METEC & 6TH ESTAD 2023

DÜSSELDORF, GERMANY

CCD CONGRESS CENTER DÜSSELDORF
12 – 16 JUNE 2023

CALL FOR PAPERS

ROLLING AND FORGING

...accompanying
the METEC Trade Fair.



www.metec-estad2023.com

ABOUT ESTAD 2023

Only those who continue to develop their business remain competitive. The prerequisite for this development means being constantly informed about the latest and most sophisticated technological advances, exchanging ideas and initiating and expanding networks with clients, partners and suppliers. With the accompanying METEC conference 6th European Steel Technology and Application Days 2023 (6th ESTAD 2023) the Steel Institute VDEh offers visitors the perfect opportunity to reach these objectives. At this event you will acquire the latest information on new ideas and developments as well as on the state-of-the-art in metallurgical process technologies iron and steel production, steel materials and steel application:

MAIN TOPICS:

IRONMAKING

STEELMAKING

ROLLING AND FORGING

STEEL MATERIALS AND THEIR APPLICATION, ADDITIVE MANUFACTURING, SURFACE TECHNOLOGIES

CO₂ MITIGATION, ENVIRONMENTAL AND ENERGY ASPECTS

INDUSTRY 4.0

ROLLING AND FORGING

Rolling of long and flat products

- Hot strip rolling
- Cold strip rolling and processing lines
- Plate Rolling
- Rod and bar rolling
- Rolling of tubes, sections and rails
- Annealing, galvanizing and finishing
- Processing of new steel grades
- Improved efficiency and product quality
- Rolls for Rolling (Wear and lubrication, grinding, new materials, roll surface, roll inspection)
- Digitalization and Smart Factory-solutions for processing industry
- Virtualization and HMI* in rolling and finishing operations
- Assistance systems in rolling and finishing operations
- Sensors and control, online measurement technologies
- Modelling and simulations
- Material tracking and material flow control: transportation and logistics
- Process and production control, process automation
- Plant upgrades and new equipment developments
- Maintenance: plant availability and condition monitoring
- Environmental issues
- Reheating and descaling

*HMI= Human Machine Interface

Forging

- Latest developments in forging plants
- Optimization of the forging process
- Process simulation
- Technical measurement of forgings
- Measures for ensuring quality
- Descaling
- Furnace technology
- Burner technology
- Heat treatment process
- Energy Management

