

SUBMISSION OF PAPERS

All paper proposals must be submitted online. Please visit: www.metec-estad2019.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 30 September 2018 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-estad2019.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

30 September 2018 Abstract submission deadline.

October 2018 Scientific international experts will evaluate submitted abstracts.

30 November 2018 Paper proposers will be informed about decision of the Scientific international experts. Delivery of authors guidelines.

25 February 2019 Full paper submission deadline.

30 May 2019 PowerPoint presentation slides deadline.

24 - 29 June 2019 METEC & 4th ESTAD 2019

www.metec-estad2019.com

HOST

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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
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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 & 4th ESTAD it is strictly prohibited to discuss competitively sensitive subjects such as price-fixing agreements or agreements on quantities.

www.metec-estad2019.com



METEC & 4TH ESTAD 2019

DÜSSELDORF, GERMANY
CCD CONGRESS CENTER DÜSSELDORF
24 – 28 JUNE 2019

SECOND ANNOUNCEMENT & CALL FOR PAPERS

STEEL MATERIALS AND THEIR APPLICATION,
ADDITIVE MANUFACTURING, SURFACE TECHNOLOGIES

...accompanying
the METEC Trade Fair.



www.metec-estad2019.com

ABOUT ESTAD 2019

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 4th European Steel Technology and Application Days 2019 (4th ESTAD 2019) 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

ENVIRONMENTAL AND
ENERGY ASPECTS

The topics include all aspects in **Industry 4.0** (Cyber physical systems, horizontal and vertical integration, big data...)

STEEL MATERIALS AND THEIR APPLICATION, ADDITIVE MANUFACTURING, SURFACE TECHNOLOGIES

Steel materials and their application

- High strength steels for flat products for the automotive industry
- Hot formed steel parts for the automotive industry
- High strength steels for bars and wire rods for automotive and engineering industry
- Alloy and special steels for massive lightweight forging
- Lightweight construction concepts for agriculture devices
- Advanced high strength steels in truck construction
- Advanced high strength steels in mobile crane construction
- High strength fine grain steels for construction applications
- New steel-concepts in bridge constructions
- High strength steel for wind energy constructions
- High temperature steels for energy technology
- Tool steels for forming high strength materials
- Tool steels for plastic moulds and extrusion pressure tools
- The use of stainless steel in the food industry
- Additive Manufacturing of special steel components
- Modern joining technologies in multi-material constructions
- Solutions for hydrogen embrittlement of high strength steels

Additive manufacturing

- Metallurgy and technology of powder production
- Steel grades for the use in additive manufacturing, powder quality
- Properties and quality of additive manufactured components
- Potential use and application of additive manufactured structures in the steel industry

Surface technologies

- Quality control and management of defects (production)
- Applying new surface layers (production)
- New surface technologies to improve corrosion and wear resistance (application)

