



AIM is glad to announce the 11th European Stainless Steel Conference Science & Market and the 7th European Duplex Stainless Steel Conference & Exhibition, that will be jointly organized, as a single event in Bardolino (Verona) on 6th-8th October 2021. The Conference will focus on all the aspects of development, production technology (hot and cold rolling, heat treatment, etc.), welding, corrosion and applications of stainless steels and duplex stainless steels and it addresses delegates with both academic and industrial backgrounds. The results shall contribute to the advancement of existing and potential applications and will help to guide future development. The event will bring together developers, designers, manufacturers and users of stainless steel from industry and academia and will compare the present and future needs to satisfy these demands now or in the future. Short and medium term perspectives of European stainless steel flat, long products, forgings and castings will be widely discussed during the Stainless Steel Market Outlook session. It is expected the presence of speakers representing the most important European stainless steel associations and reports coming from the big stainless steel companies.

We are looking forward to welcoming you in Italy!

Organized by



**ASSOCIAZIONE ITALIANA DI METALLURGIA**

In cooperation with



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# ESSC & DUPLEx 2021

Stainless steels, Duplex & Maraging  
Precipitation Hardenable Stainless Steels

11th European Stainless Steel Conference - Science & Market &  
7th European Duplex Stainless Steel Conference & Exhibition  
Bardolino · Verona · Italy, 6-8 October 2021

## Topics

The Conference is devoted to all aspects of stainless steels with emphasis on basic research, engineering application as well as market aspects.

In particular, it will cover:

- Austenitic stainless steels
- Ferritic stainless steels
- Martensitic stainless steels
- Duplex stainless steels
- Maraging Precipitation Hardenable Stainless Steels
- Metallurgy
- Simulation and modeling
- Rolled products
- Castings
- Forgings
- Corrosion and in service problems
- Surface properties
- Fabrication, forming and welding
- Applications
- Oil & gas applications
- Environmental aspects
- Design with stainless steels
- Market issues
- Microstructure and characterization
- Stainless steel for reinforcing of concrete
- Standardisation

## Conference language

The Conference language will be English.

## Publication of proceedings

The full text of the accepted papers will be published in the electronic proceedings and issued to attendees on arrival at the Conference. Certain papers may be considered for publication in the AIM journal La Metallurgia Italiana – International Journal of the Italian Association for Metallurgy, which is covered in the Science Citation indexed by Clarivate Analytics (formerly Thomson Reuters), and in Scopus by Elsevier B.V

## Call for papers

Prospective authors wishing to present papers are invited to submit a tentative title and an abstract of about 400 words (in English), specifying a maximum of two topics for each proposal, to the Organising Secretariat ([aim@aimnet.it](mailto:aim@aimnet.it)). The abstract should provide sufficient information for a fair assessment and include the title of the paper, the author's names and contact details (address, telephone number and e-mail address). The name of the presenting author should be underlined. A poster session might be organized as well.

Two ways to submit papers will be available:

- fill in the form on the Conference website at <http://www.aimnet.it/essc2021.htm>
- send the requested information by e-mail to: [aim@aimnet.it](mailto:aim@aimnet.it)

## Deadlines

- Submission of abstracts 31 March 2021
- Information on Acceptance 13 May 2021
- Submission of full paper 15 July 2021

## Exhibition & sponsorship opportunities

The Conference 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 Conference.

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 Conference.

The detailed sponsorship packages will be available on the Conference website: <http://www.aimnet.it/essc2021.htm> starting from July 2020.

Companies interested in taking part in the Exhibition or sponsoring the event may contact:



e-mail: [commerciale@siderweb.com](mailto:commerciale@siderweb.com)  
tel. +39 030 2540006



## Previous Conferences

European STAINLESS STEEL  
Conference – Science & Market  
1st - Florence, Italy (1993)  
2nd - Düsseldorf, Germany (1996)  
3rd - Chia Laguna, Sardinia, Italy (1999)  
4th - Paris, France (2002)  
5th - Sevilla, Spain (2005)  
6th - Helsinki, Finland (2008)  
7th - Como, Italy (2011)  
8th - Graz, Austria (2015)  
9th - Bergamo, Italy (2017)  
10th - Schönbrunn - Wien, Austria (2019)

## Organising Committee to be completed

Chairman of the Organising Committee:  
S. Fraccia - AIM, Italy

F. Bassani - AIM, Italy  
G. Caironi - Fias Casting, Italy  
F. Capelli - Centro Inox, Italy  
M. Cusolito - Italy  
S. De Donato - AIM, Italy  
M. Frigo - Outokumpu, Italy  
E. Giacomazzi - Cogne Acciai Speciali, Italy  
C. Mapelli - AIM, Italy  
A. Mazzocchi - APERAM, Italy  
E. Marzorati - Cogne Acciai Speciali, Italy  
F. Mazzolari - AIM, Italy  
A. Morini - Fondinox, Italy  
R. Nemfardi - Eure Inox, Italy  
G. Stringhini - Arvedi Group, Italy

## Conference Venue

The Conference will be held at the Hotel Caesius Thermae & SPA Resort in Bardolino (Verona), via Peschiera 3.

## Lake Garda and Bardolino

Along the shores of Lake Garda the landscape is soft, cadenced by charming villages that maintained their typical characteristics and personality, and dominated by vines and olive groves. Bardolino land and the adjacent areas offer lots of attractions that vary from historical to cultural to natural attractions, all to be visited, while the beaches and the theme parks of Gardaland, Movieland and all others promise pure fun. You'll have the chance to golfing, biking and mountain biking, walking, trekking, windsurfing, sailing, horseback riding, hang gliding, and playing tennis. Lake Garda influences also the local cuisine and the wine and food traditions. The most typical and characteristic element is the extra-virgin olive oil, famous for its light and delicate taste which combines perfectly with lake fish and with meats and polenta from the farming traditions. Excellent combination for every dish is the high quality wine produced by Garda wine-growers: Bardolino red and Lugana white. There are different itineraries that run across the wine producing areas, leading visitors in a journey at the discovery of the flavours and fragrances of the land. The vicinity with Verona, which can be reached in less than 30 minutes, will allow you to be immersed in an atmosphere where art and history merge in a continuous and fascinating relationship: the Arena, Piazza delle Erbe, Castelvecchio and the Basilica of San Zeno. Other historical cities near Lake Garda with world unique monuments are Mantua, Vicenza, Padua and Venice.



## Conference Organizing Secretariat



**ASSOCIAZIONE  
ITALIANA  
DI METALLURGIA**

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European DUPLEX STAINLESS STEEL  
Conference & Exhibition  
1st - Venice, Italy (2000)  
2nd - Grado, Italy (2007)  
3rd - Beaune, France (2010)  
4th - Graz, Austria (2015)  
5th - Bergamo, Italy (2017)  
6th - Schönbrunn - Wien, Austria (2019)

## Scientific & Steering Committee to be completed

F. Bolzoni - Politecnico di Milano, Italy  
A. Caironi - Fias Casting, Italy  
I. Calliari - Università di Padova, Italy  
G. Disarò - Acciai Speciali Terni, Italy  
G. Gabetta - Italy  
P. Karjalainen - University of Oulu, Finland  
S.-J. Kim - Pohang University of Science and Technology, Korea  
N. Kinsman - International Molybdenum Association, United Kingdom  
E. Longaretti - FGS, Italy  
M. Moll - Steel & Metals Market Research, Austria  
C. Sommitsch - Graz University of Technology, Austria  
C. Veronesi - Italfond, Italy