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**CSM**  
Centro Sviluppo Materiali

materials, technology & innovation

**EUROFER**  
The European Steel Association



**industriAll**  
EUROPEAN TRADE UNION



Supported by the



# EUROSTEEL MASTER 2015

## VII Edition

Advanced  
Training Course for the  
European Steel Sector  
11<sup>th</sup> to 15<sup>th</sup> May 2015  
*Terni, Italy*

*Organized by*

CENTRO SVILUPPO MATERIALI S.P.A. &  
EUROFER, INDUSTRIALL, FEDERACCIAI, ESTEP

*Supported by the*  
EUROPEAN COMMISSION

## AIMS

The EU steel industry has undergone a long period of crisis since 2008 with the consequent reduction of capacity and production. Restructuring is still experiencing a rapid evolution, both in terms of business and management structures as well as from a technological point of view too. Such developments have implications for the steel market as well as for the production cycle. In order to successfully manage these developments, the personnel needs to possess analytical and managerial skills, supported by a deep knowledge of the industry. They need to understand and address the technology-driven operations and organization changes taking place within their companies. This is essential to allow the middle management to be actively involved in the implementation of company's policies and contribute positively to on-going developments.

## TARGET GROUP

The 2015 Eurosteelmater is addressed to managers, technical staff, researchers, trade unionists and other professionals operating in the steel industry and in closely related areas.

Participants should possess a university degree or equivalent experience.

## ORGANIZERS/SUPPORTERS

The course is organized by CSM with the support of European Commission, EUROFER, industriAll, Federacciai, ESTEP – European Steel Technology Platform.

Course Director:

**ENRICO GIBELLIERI**

Coordination and technical information:

**ANDREA TROPEOLI**

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## THURSDAY 14<sup>TH</sup> MAY

### 5. RESEARCH & INNOVATION

09.00 - 10.30

*The RFCS & Horizon 2020*

**Andrea Tropeoli, CSM**

10.30 - 11.00 *Coffee Break*

11.00 - 12.30

*Main Trends in the International and European Steel Industry*

**Anthony De Carvalho, OCDE Steel Committee**

13.00 - 14.30 *Common Lunch*

### 6. STEEL PRODUCT DEVELOPMENT & APPLICATIONS

14.30 - 16.00

*Steel Products Development*

**Jean-Pierre Birat, ESTEP General Secretary**

16.00 - 16.30 *Coffee Break*

16.30 - 18.00

*Steel Products Applications*

**Pietro Gimondo, CSM, Chairman ESTEP WG6**

19.15 - 20.15 *Diploma Session & Cultural Event*

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20.30 *Farewell Dinner*

## FRIDAY 15<sup>TH</sup> MAY

*Departure of Participants*

WEDNESDAY 13<sup>TH</sup> MAY

### 3. SUSTAINABILITY

09.00 - 10.30

*Environmental Impact and Climate Change*  
**Enrico Malfa, CSM, Chairman ESTEP WG4**

10.30 - 11.00 *Coffee Break*

11.00 - 12.30

*Future Challenges on HR in the EU Steel Industry*  
**Veit Echterhoff, ThyssenKrupp, Chairman ESTEP WG5**

13.00 - 14.30 *Common Lunch*

### 4. EU & MSS INDUSTRIAL POLICY FOR THE STEEL SECTOR

14.30 - 16.00

*The EU Steel Action Plan*  
**Mattia Pellegrini, EC DG Enterprise & Industry**

16.00 - 16.30 *Coffee Break*

16.30 *Visit to the Steel Plant*

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21.00 *Common Dinner*

SEND THE APPLICATION FORM TO

*[eurosteelmaster@c-s-m.it](mailto:eurosteelmaster@c-s-m.it)*

DOWNLOAD OF THE APPLICATION FORM

*[www.c-s-m.it/en/eurosteelmaster](http://www.c-s-m.it/en/eurosteelmaster)*

After registration, each participant will receive an official confirmation.

REGISTRATION FEE

3,000 € (+ VAT)

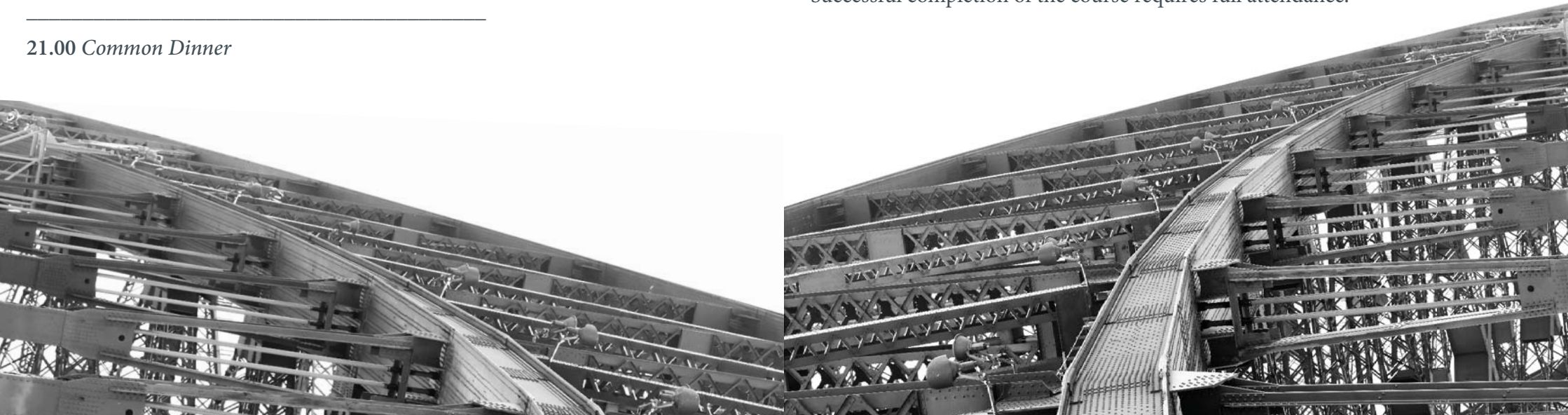
Includes hotel accommodation (full board, starting with Dinner on Monday and closing with Breakfast on Friday) at the Michelangelo Palace Hotel.

DEADLINE FOR REGISTRATION

24<sup>th</sup> April 2015

SPECIAL NOTE

Successful completion of the course requires full attendance.



MONDAY 11<sup>TH</sup> MAY

18.00 - 18.15

*Introduction to the Course & Participants self-presentation*

**Cesare Murgia**, CEO of CSM

**Enrico Gibellieri**, Director of Eurosteelmater

## 0. HISTORY

18.15 - 19.45

*Historical Background: highlights on the European Steel Industry after 1945*

**Ruggero Ranieri**, Economic Historian

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20.30 *Welcome Dinner*

TUESDAY 12<sup>TH</sup> MAY

## 1. POLITICS, MARKET AND TRADE

09.00 - 10.30

*SPIRE: the PPP for the EU EIIs in Horizon 2020*  
**Loredana Ghinea**, SPIRE General Secretary

10.30 - 11.00 *Coffee Break*

11.00 - 12.30

*Global Steel Market Trends*  
**Jeroen Vermeij**, Director Eurofer

13.00 - 14.30 *Common Lunch*

## 2. TECHNOLOGY

14.30 - 16.00

*Blast Furnace and Alternative Technologies: Recent Developments*

**Hans-Bodo Luengen**, VDEh

16.00 - 16.30 *Coffee Break*

16.30 - 18.00

*Electric Arc Furnace: Recent Developments*  
**Cesare Giavani**, Tenova

18.00 - 18.15 *Coffee Break*

18.15 - 19.30

*Stretch: Maximising of Existing Steelmaking Assets*  
**Jonathan Ayles**, University of Manchester

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20.30 *Common Dinner*