

**EUROSTEELMASTER2024**

# European Advanced Training Course for the Worldwide Steel Sector

**XV Edition**

25 - 29 November 2024, Dalmine (BG), Italy



With the support of



The steel industry is experiencing a rapid worldwide evolution in terms of management structures, technology and business. In this context, technological innovation and digitalization play a fundamental role.

These developments have deep implications for the steel market as well as for the production cycle.

Anyhow starting especially from last year onward, business conditions in the steel-using sectors are supportive to growth.

Consequently, steel demand is expected to continue its gradual grow. In order to successfully manage these developments, operatives need to possess analytical and managerial skills, supported by a deep knowledge of the steel industry.

This is essential to allow the management to be actively involved in the implementation of company policies and to shape and contribute positively to on-going developments.

## TARGET GROUP

The Eurosteelmater is aimed at managers, researchers, students, trade unionists and other professionals operating in the entire value chain of the steel sector. Participants should possess a university degree or equivalent experience.

## ORGANIZERS/SUPPORTERS

The course is organized by RINA with the support of EUROFER, IndustriAll, ESTEP - European Steel Technology Platform, Federacciai, European Commission. Cooperation with EU and worldwide interested parties, on the basis of enrollment of participants from the main steel and related companies, is highly welcomed.

## CENTRO SVILUPPO MATERIALI INTO RINA

Formerly CSM, it was founded in 1963 by Italy's major steel manufacturers and end-users with the mission of developing steel technologies and applications.

Since 2014, it's RINA's highly specialized competence centre for sustainable materials, technologies and innovation.

Over time it widened the range of its technological interests and skills to cover new capabilities, in order to become a reference point for steel and high tech industry worldwide. Thanks to the very highly skilled engineers and scientists, RINA can well reply anywhere there is a demand for advanced materials knowledge, especially in steel and metal alloys processes and products.

## CONTACT US

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[eurosteelmaster@rina.org](mailto:eurosteelmaster@rina.org)

## COURSE MANAGER

Pietro Gimondo (RINA)

## SCIENTIFIC COMMITTEE

The Scientific Committee contributes to improve the skill needs of the steel sector dealing with very demanding challenges to improve the quality of products and, in the same time, implementing the progressive de-carbonization of the production processes toward the carbon neutrality of the entire sector.

Pietro Gimondo

Luigi De Filippis

Veit Echterhoff

Dimitri Zurstrassen

Mikka Nieminen

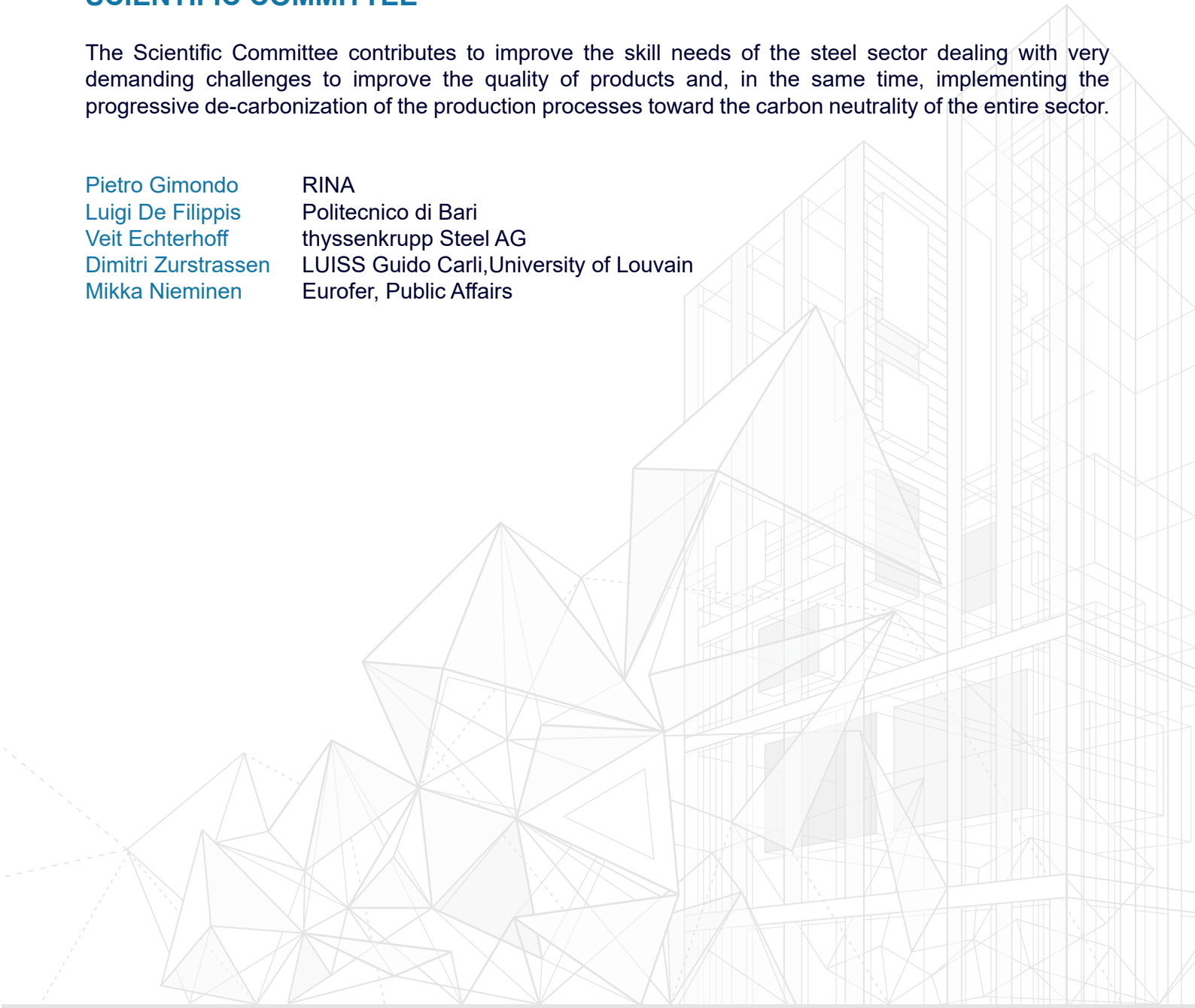
RINA

Politecnico di Bari

thyssenkrupp Steel AG

LUISS Guido Carli, University of Louvain

Eurofer, Public Affairs



## **REGISTRATION FEE**

### **FULL FEE**

On line: 950,00 Euro (+VAT)

In presence: 1900,00 Euro (+VAT)

### **STUDENT FEE**

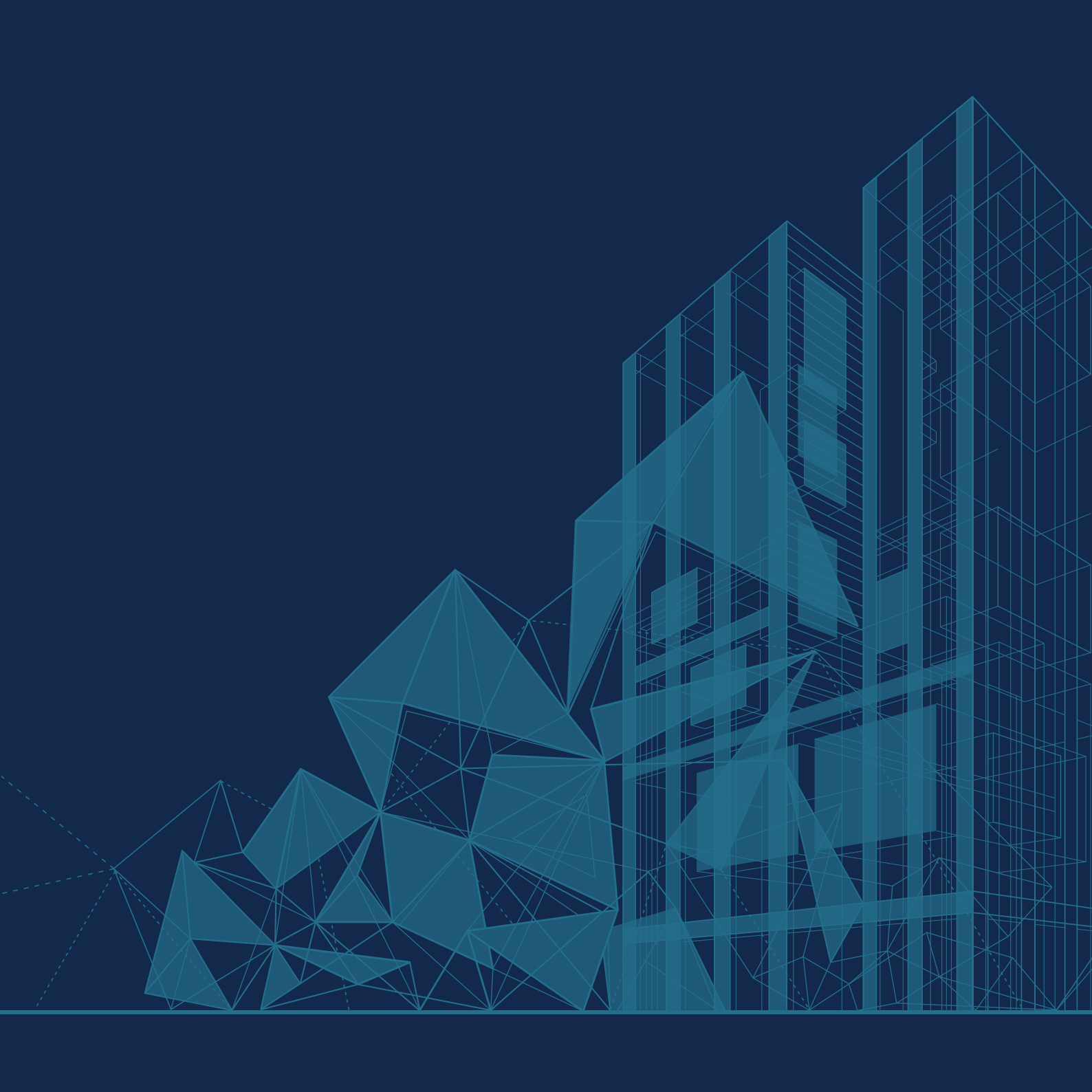
600,00 Euro (+VAT)

## **REGISTRATION**

Registration can be made online on the RINA.org website or through the registration form which can be downloaded from the website. To register send the Application form to: [eurosteelmaster@rina.org](mailto:eurosteelmaster@rina.org)

## **SEMINAR**

The participation to the seminar is free of charge.









**SEMINARS**

# **EUROSTEELMASTER 2024**

**XV Edition**

**EU Funded Project Dissemination event**





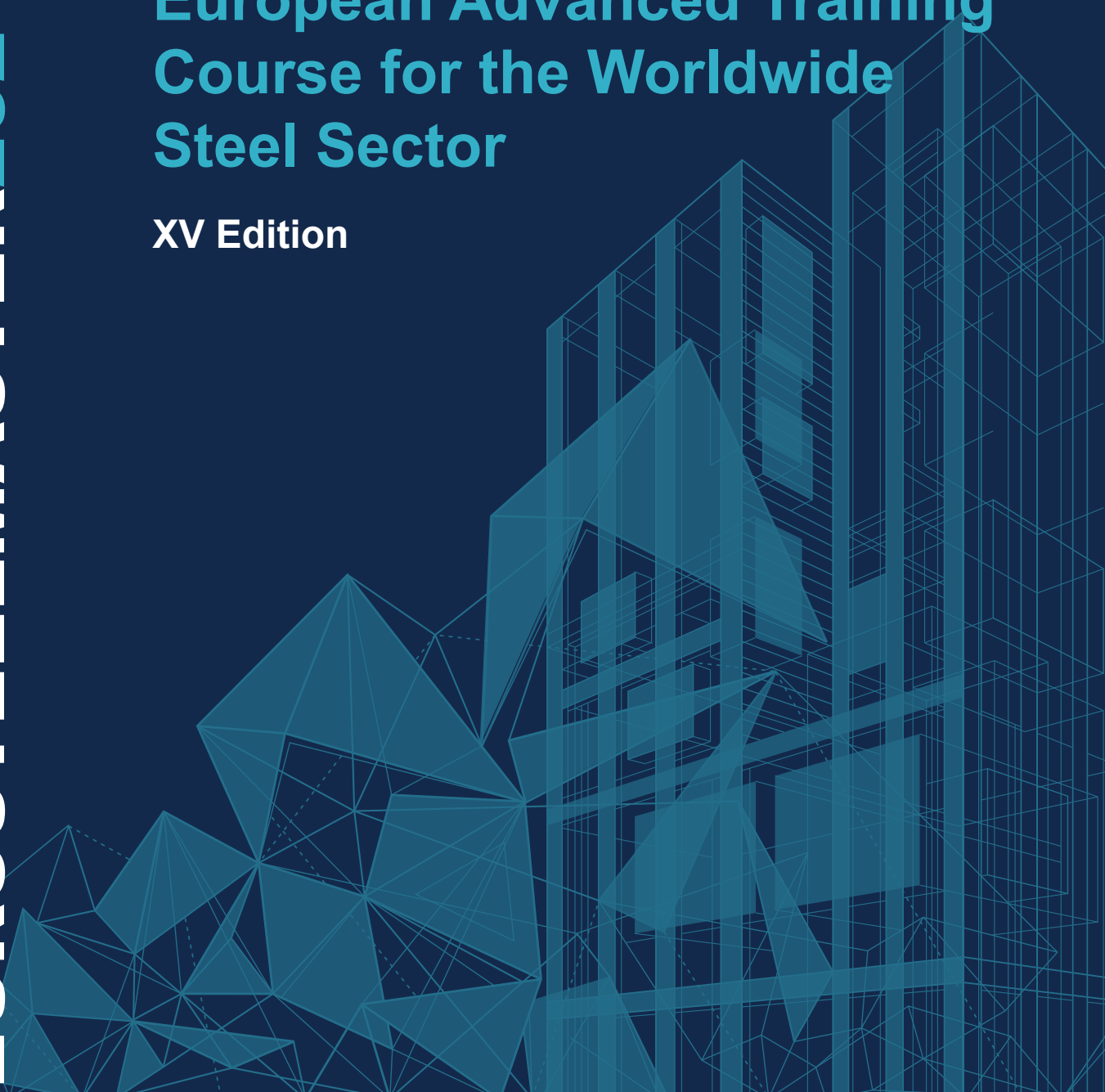
**25  
NOVEMBER**

## SEMINAR (tbd)

**EUROSTEELMASTER2024**

# European Advanced Training Course for the Worldwide Steel Sector

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**25**  
**NOVEMBER**

## 25 November **Opening session EUROSTEELMASTER 2023**

14.30 - 16.00

**Introduction to the Course & Participants self-presentation**

Stefano Luperi, *RINA*

Pietro Gimondo, *RINA*

16.00 - 16.30

Coffee break

16.30 - 18.00

**Historical background: highlights on the European steel industry after 1945**

Dimitri Zurstrassen, *LUISS Guido Carli, UC Louvain*





**26**  
**NOVEMBER**



## 26 November **Politics, Market and Trade**

09.00 - 10.30

### **Main Market and Policy Trends in the International Steel Industry**

Anthony De Carvalho, *OECD Steel Committee*

10.30 - 11.00

Coffee break

11.00 - 12.30

### **The EU Steel sector amidst war scenarios, supply chain disruptions and slashed economic outlook**

Alessandro Sciamarelli, *Director Market Analysis and Economic Studies EUROFER*

12.30 - 14.00

Lunch

## **Technology**

14.00 - 15.15

### **Electric Arc Furnace and its new important role for a sustainable steel production**

Andrea Grasselli, *Tenova*

15.15 - 16.15

### **Blast Furnace: the transition to a de-carbonized steel production**

Eros Faraci, *RINA*

16.15 - 16.45

Coffee break

16.45 - 18.00

### **Introduction to the Direct Reduction technology and its perspective for the future**

Enrico Malfa, *Tenova*





**27**  
**NOVEMBER**

## 27 November Sustainability 1

- 09.00 - 10.30 **The Clean Steel Partnership and the Carbon Neutral Steelmaking**  
Klaus Peters, *ESTEP General Secretary*
- 10.30 - 11.00 Coffee break
- 11.00 - 12.30 **Circular Economy, Industrial Symbiosis and Climate Change**  
Filippo Cirilli, *RINA*
- 12.30 - 14.00 Lunch

## EU & MSs Industrial policy for the Steel Sector

- 14.00 - 15.30 **Green Deal and Just Transition in the Steel Sector**  
Elsbeth Hathaway, *Senior Policy Advisor industriAll Europe*
- 15.30 - 17.00 **The EU Policies for Research and Innovation Steel Sector**  
Alessandra Colli, *EC DG Research & Innovation*





**28**  
**NOVEMBER**

## 28 November **Research & Innovation**

09.00 - 10.45 **European Funding Instruments including IPCEI**  
Pietro Gimondo, *RINA*

10.45 - 11.15 Coffee break

11.15 - 13.00 **R&I: RFCS, Horizon Europe**  
Alice Reina, Simona Pace, *RINA*

13.00 - 14.00 Lunch

## **Sustainability 2 & Steel Industry 4.0**

14.00 - 15.00 **Hydrogen for a sustainable green steel production**  
Gianluca Mannucci, *RINA*

15.00 - 16.00 **Overview of technological developments in steel production processes**  
Cristiano Tercelli, *Primetals*

16.00 - 17.00 **Industry 4.0 & Digitalisation in the European Steel Industry**  
Roberto Piancaldini, *RINA*

17.00 - 18.00 **Future Challenges on HR in the EU Steel Industry**  
Antonius Johannes Schröder, *Chairman ESTEP Focus Group People*





**29**  
**NOVEMBER**

## 29 November Social Partners and the EU Green Deal

08.45 - 10.15 **The Commission's "Green Deal" and the Steel Sector (ETS - CBAM)**  
*Adolfo Aiello, Deputy Director General Climate & Energy*

10.15 - 10.30 Coffee break

10.30 - 11.30 **The Green Deal and the EU Steel Sector**  
*Axel Eggert, General Director of EUROFER*

11.30 - 13.30 **Visit to Tenaris Steel plant (tbc)**

13.30 - 14.30 Lunch

### Sustainability 3

14.30 - 16.00 **The Commission initiatives for the Steel Sector**  
*Immavera Sardone, EC DG Grow*

16.00 - 16.30 Coffee break

16.30 - 17.30 **Raw Materials in the future of the European Steel Industry**  
*Mattia Pellegrini, Head of Unit DG ENV*

17.30 - 18.00 **Conclusion**  
*Pietro Gimondo, Responsible of Eurosteelmater, RINA*





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[rina.org](http://rina.org)

