

EUROSTEELMASTER 2019

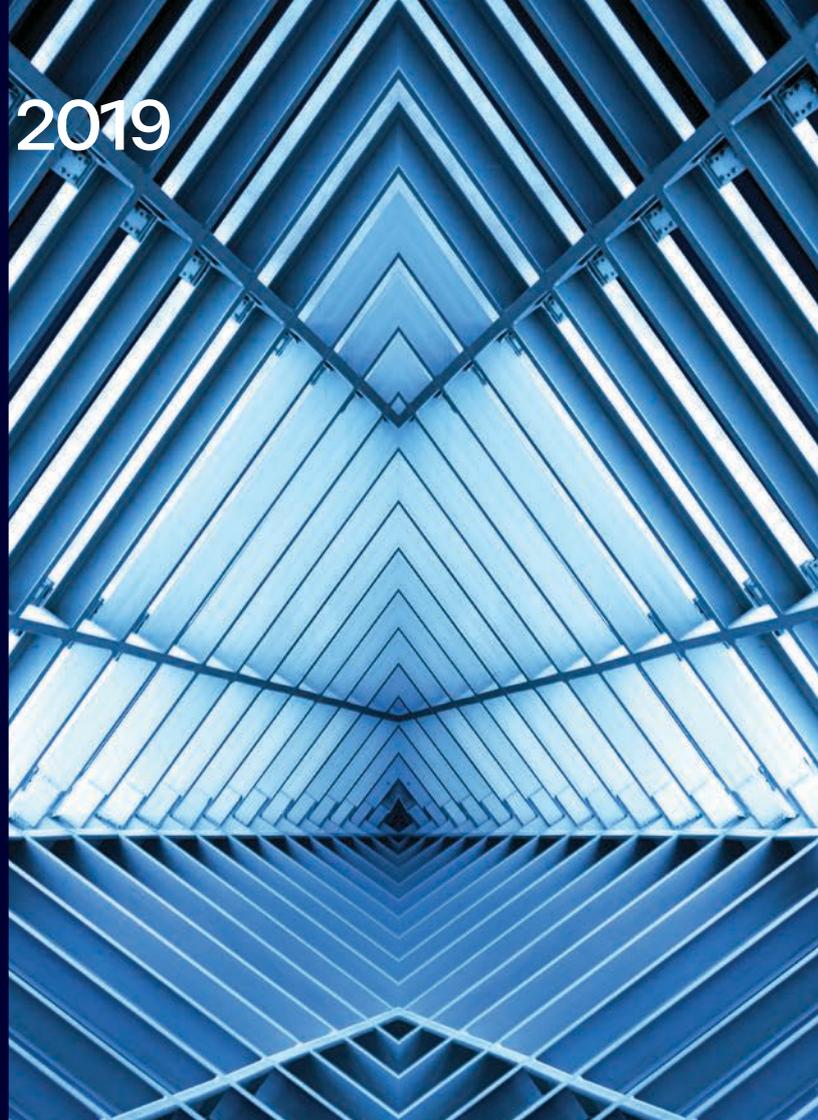
XI Edition

European Advanced Training Course
for the worldwide Steel Sector

1 - 5 April 2019
Brescia, Italy



With the support of





AIMS

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 recovery. 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 European Commission, EUROFER, Federacciai, ESTEP, the European Steel Technology Platform. 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

Centro Sviluppo Materiali was founded in 1963 by Italy's major steel manufacturers and end-users with the mission of developing steel technologies and applications. Over time CSM 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. Since 2014, CSM is part of RINA. Bringing CSM into RINA has been part of the long term growth strategy of developing

and widening the competence portfolio. Thanks to this integration strategy, RINA has very highly skilled engineers and scientists skill sets enable the faster grow its new identity, marked by digitalization, anywhere there is a demand for advanced materials knowledge, especially in steel and metal alloys processes and products.

VENUE

Conference Hall Cav. Lav. Pier Giuseppe Beretta
Associazione Industriali Bresciana (AIB)
Via Cefalonia 62, Brescia

CONTACT US

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eurosteelmater@rina.org

COURSE DIRECTOR

Enrico Gibellieri, Member of European Economic and Social Committee

REGISTRATION FEE

Full fee:

1.500,00 Euro (+VAT)

Full fee (including lunch, teaching material, transfer to plant visit and social events)

Reduced fee:

990,00 Euro (+VAT)

Early registration by 28 February 2019 (including lunch, teaching material, transfer to plant visit and social events)

Student fee:

250,00 Euro (+VAT)

Student fee (including lunch, teaching material, transfer to plant visit and social events). Travel, dinner and hotel accommodation are not included

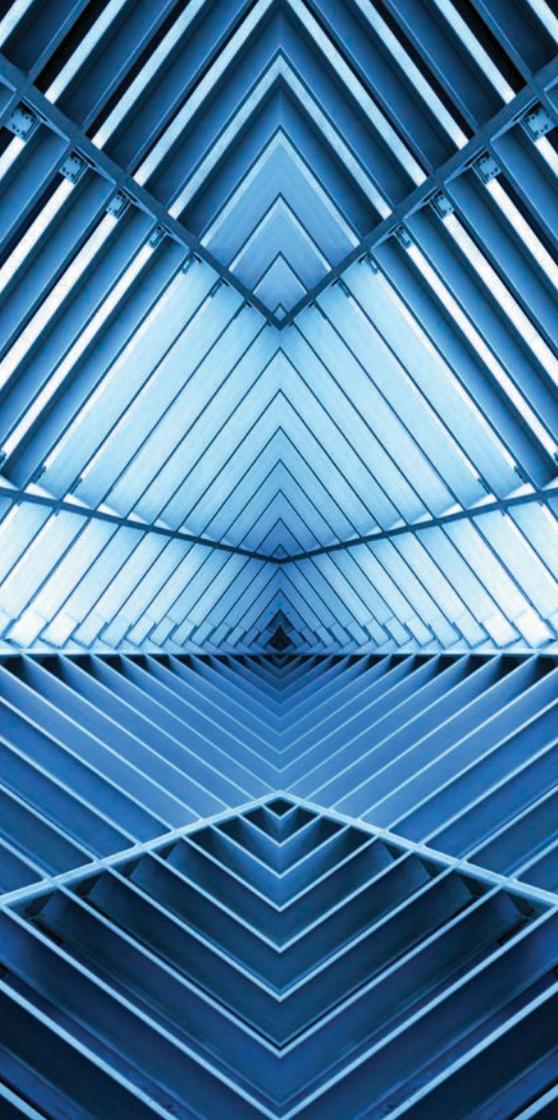
SEMINAR LOW CARBON FUTURE

The participation to the seminar is free of charge. Registrations will be accepted until available places.

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



Seminar Low Carbon Future

Exploitation of projects for Low-Carbon future steel industry

1st of April 2019 (9.00 - 15.00)

This project is carried out by the financial support of European Union with Grant Agreement N. 800643

The project “LowCarbonFuture” has the objective to collect, summarize, evaluate and promote research projects and knowledge dealing with CO₂ mitigation in iron and steelmaking.

As final result, LowCarbonFuture will generate a roadmap stating research needs, requirements and boundary conditions for breakthrough technologies and a new CO₂ lean steel production to guide the EU steel industry towards the world’s climate contract and the EU climate goals, e.g. by implementing the key findings in the strategic research agenda of the European Steel Technology Platform (ESTEP).

Furthermore, “LowCarbonFuture” will contribute to an update of the steel roadmap for a low carbon Europe 2050 and the current BIG-Scale initiative of EUROFER.

1 April

SEMINAR LOW CARBON FUTURE

08.30 - 9.30

Registration of participants

09.30 - 09.45

Welcome and Introduction

Pietro Gimondo, RINA

09.45 - 10.00

General presentation of the LowCarbonFuture project (partners, structure, main objectives)

10.00 - 10.30

Presentation of pathway Carbon Direct Avoidance - CDA

10.30 - 11.00

Presentation of pathway Process Integration - PI

11.00 - 11.30

Coffee break

11.30 - 12.00

Presentation of pathway Carbon Capture and Usage - CCU

12.00 - 12.30

CO₂ mitigation and circular economy

12.30 - 13.30

Lunch

13.30 - 14.00

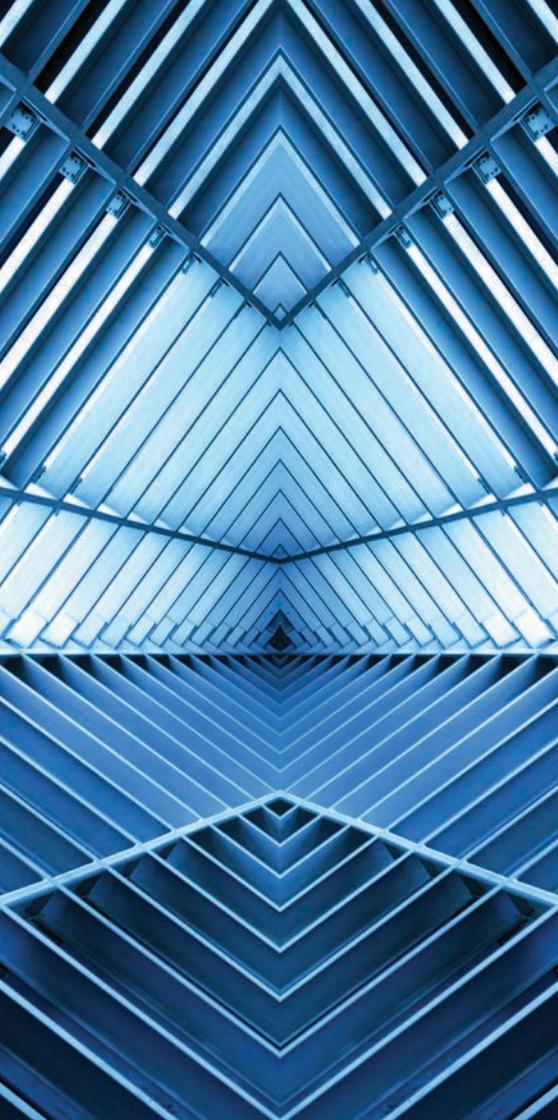
Identification of main technologies / technical topics concerning CO₂ mitigation

14.00 - 14.30

Assessment of the particular technologies concerning CO₂ mitigation

14.30 - 15.00

Synthesis of main results



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1 April

15.30 - 16.00

Introduction to the Course

Giuseppe Pasini, *President of Associazione Industriale Bresciana*

Guido Chiappa, *RINA*

Enrico Gibellieri, *Director of Eurosteelmaster*

HISTORY

16.00 - 18.00

Historical background: highlights on the European steel industry in the last seventy years

Enrico Gibellieri, *Director of Eurosteelmaster*

Dimitri Zurstrassen, *University of Louvain-la-Neuve, Sorbonne University*

20.30

Welcome Dinner

2 April

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 amid challenging market conditions

Jeroen Vermeij, Director Market Analysis and Economic Studies EUROFER

13.00 - 14.30

Lunch

TECHNOLOGY

14.30 - 16.00

Blast Furnace and Alternative Technologies: Recent Developments

Eric Hess, ArcelorMittal

16.00 - 16.30

Coffee break

16.30 - 18.00

Electric Arc Furnace: Recent Developments

Cesare Giavani, Head of Process and R&D Tenova

3 April

SUSTAINABILITY 1

09.00 - 10.30

Future Challenges on HR in the EU Steel Industry

Veit Echterhoff, Chairman ESTEP FG People, thyssenkrupp

10.30 - 11.00

Coffee break

11.00 - 12.30

Circular Economy, Industrial Symbiosis and Climate Change

Loredana Di Sante, RINA

Filippo Cirilli, RINA

12.30 - 13.30

Lunch

EUROPEAN UNION & MEMBER STATES INDUSTRIAL POLICY FOR THE STEEL SECTOR

13.30 - 15.00

The EU Steel Action Plan

Gabriele Morgante, DG GROW European Commission

15.00 - 15.30

Coffee break

15.30 - 17.30

Visit to the steel plant

4 April

RESEARCH & INNOVATION

09.00 - 10.00

R&I: H2020 & RFCS

Andrea Tropeoli, *RINA*

10.00 - 11.00

R&I: International Cooperation

Pietro Gimondo, *RINA*

11.00 - 11.30

Coffee break

11.30 - 12.00

Digital transformation in the steel sector

Giovanni Gambaro, *RINA*

12.00 - 12.30

Steel Industry 4.0

Luca Piedimonte, *RINA*

12.30 - 14.00

Lunch

SUSTAINABILITY 2

14.00 - 15.30

Towards Carbon Neutral Steelmaking

Carl De Maré, Klaus Peters, *ESTEP*

15.30 - 16.00

Coffee break

16.00 - 17.30

SPIRE: the PPP for the EU Energy Intensive Industries in HorizonEurope

Angels Orduña, *SPIRE*

17.30 - 18.00

Diploma Ceremony

Guido Chiappa, *RINA*

Enrico Gibellieri, *Director of Eurosteelmater*

5 April

FORTHCOMING MAIN INDUSTRIAL POLICY CHANGES IN THE EU STEEL SECTOR

09.00 - 10.30

The review of the EU ETS in the light of COP 21

Adolfo Aiello, Director Energy & Climate EUROFER

10.30 - 11.00

Coffee break

11.00 - 12.30

Mergers, JVs and acquisitions in the EU Steel Sector

Philippe Morvannou, Syndex

12.30 - 13.00

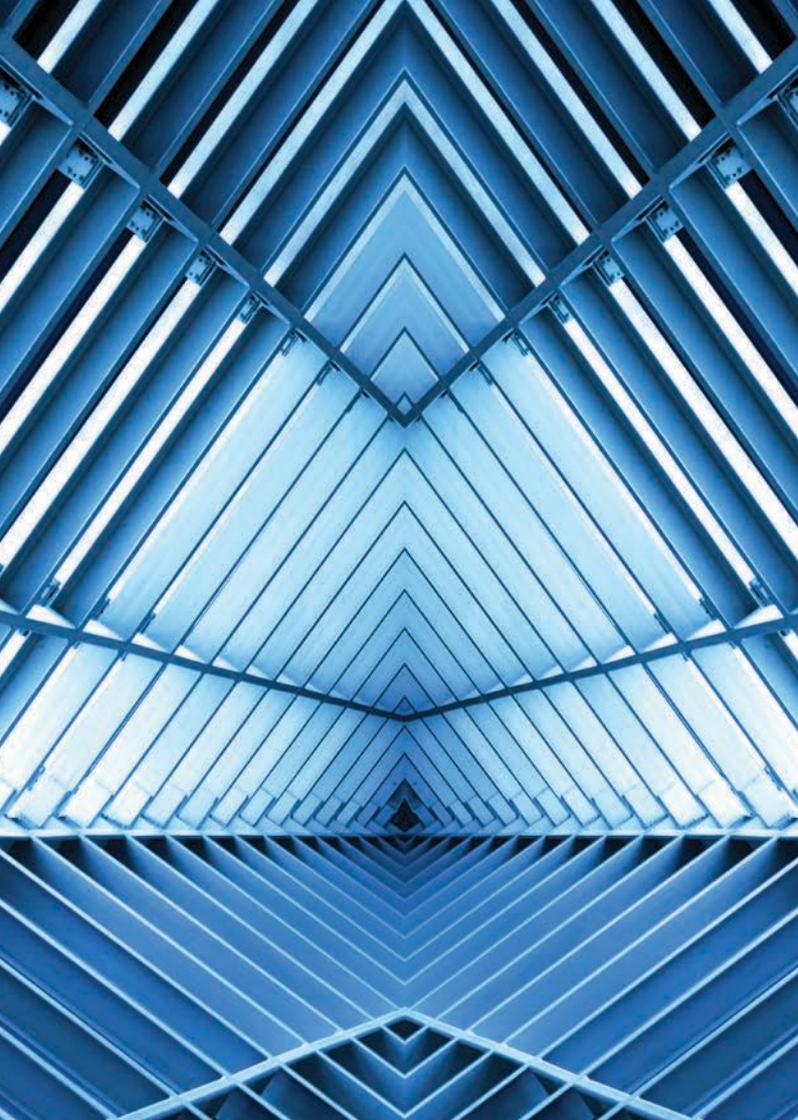
Conclusions

Enrico Gibellieri, Director of Eurosteelmater

13.00

End of Course





Preliminary program



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