

EUROSTEELMASTER2021



XII Edition - Online course

European Advanced Training Course for the Worldwide Steel Sector

3 - 7 May 2021

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 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

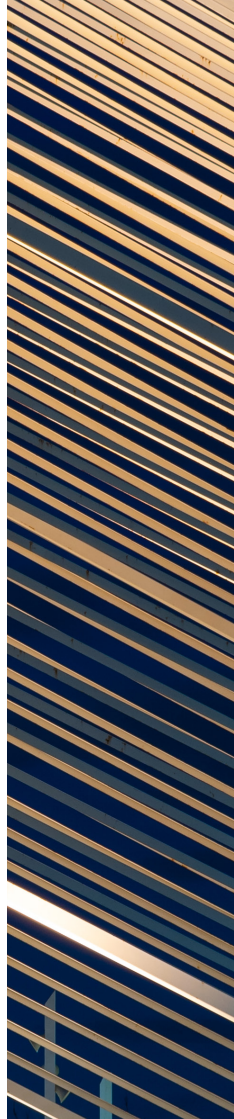
The Eurosteelmaster is aimed at managers, researchers, students, trade unionists and other professionals operating in the entire value chain of the steel sector. Participants should possess a university degree or equivalent experience.

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

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.





CONTACT US

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COURSE MANAGER

Pietro Gimondo, RINA

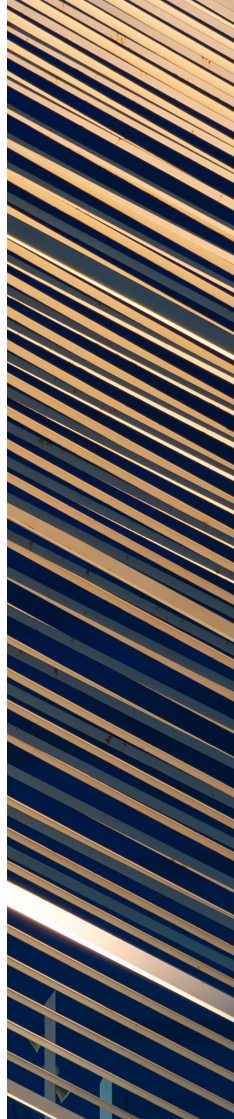
COURSE DIRECTOR

Enrico Gibellieri, Delegate of the of European Economic and Social Committee

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	RINA
Luigi De Filippis	Politecnico di Bari
Veit Echterhoff	thyssenkrupp, chairman of ESTEP FG People
Dimitri Zurstrassen	University of Louvain and Sorbonne
Mikka Nieminen	Eurofer, Public Affairs
Gabriele Morgante	European Commission DG Grow
Federico Mazzolari	Acciaierie Arvedi





REGISTRATION FEE

FULL FEE

650,00 Euro (+VAT)

STUDENT FEE

250,00 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

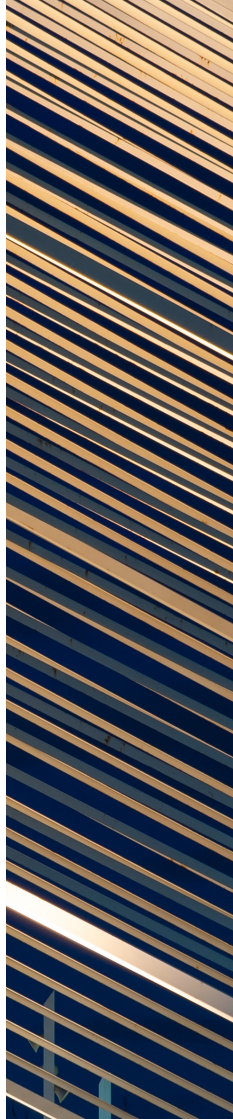
RFCS PROJECT REUSTEEL SEMINAR

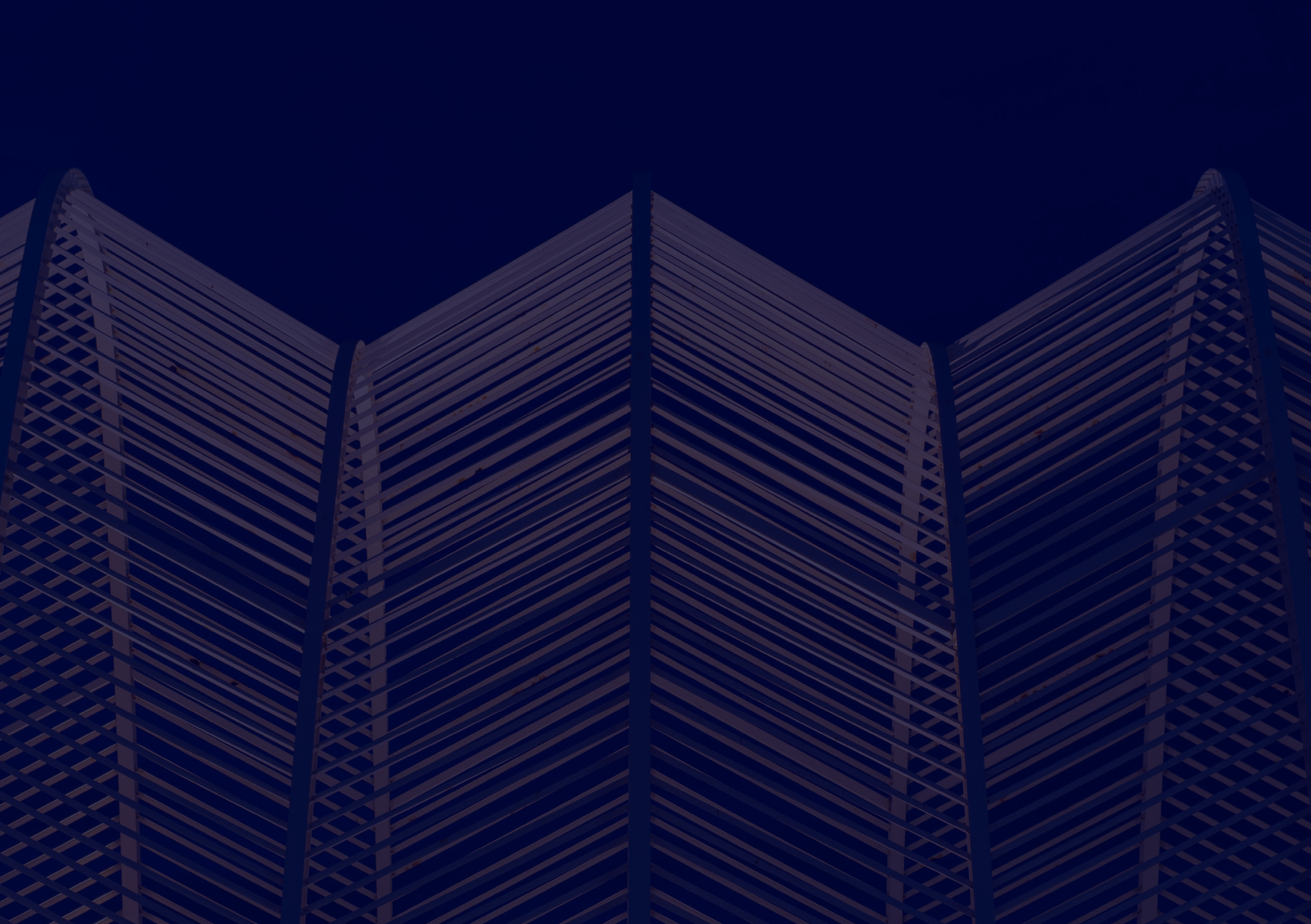
The participation to the seminar is free of charge.
Registrations will be accepted until available places.

REGISTRATION

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RFCS Project REUSteel Seminar

RFCS Project REUSteel Seminar

Valorisation and dissemination of RFCS projects results and experience in steel surface quality issues: on as-cast cracks formation

3 May 2021 (09.30 - 13.00)

“Dissemination of results of the European projects dealing with reuse and recycling of by-products steel sector (REUSteel)” is a project co-founded by the Research Fund for Coal and Steel (RFCS).

The project is framed in the context of more eco-friendly and sustainable solutions in the steel industry. The reuse and recycling of by-products of the steelmaking cycles as well as on the exploitation of by-products from other activities outside the steel production cycle, such as alternative carbon sources (e.g., biomasses and plastics) are the proper actions to move towards a saving of the natural resources together with a reduction of the environmental impact, hence being closer to a “zero-waste” goal.

The aim is to provide bridging solutions to lead the steel industry towards a reduction of its environmental impact with an obvious saving of natural resources, hence in being closer to a virtuous objective of “zero waste” goal. These thematic fields are perfectly framed in a concept that is strongly emphasized at a European level and that is receiving increasing attention in the scientific and technical community in the latest years, namely the so called Circular Economy.

“REUSteel” aims at an extensive action of dissemination and valorisation of the most important research results on by-products reuse and recycling, based on an integrated critical analysis of many EU-funded projects, in order to promote results exploitation and increase the synergies with other industrial sectors. This analysis will allow identifying the most urgent needs and ambitions of the European steel sector and defining a sequence of future research topics in this field.

A joint critical analysis, carried out by all the partners, belonging to different institutions, will provide new insights and guidelines for future research topics in this field, in order to promote the dissemination and, consequently,

the implementation of the achieved results. The project will also organise the results, in order to present selected groups of topics at planned workshops and seminars. This will provide a clearer vision of the outcomes to stakeholders and new audiences, in order to get new and deeper indications for a new roadmap, future synergies with other sectors and industrial trends.

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

The partners involved in the project are



Sant'Anna
Scuola Universitaria Superiore Pisa



FEHS



RFCS Project REUSteel Seminar

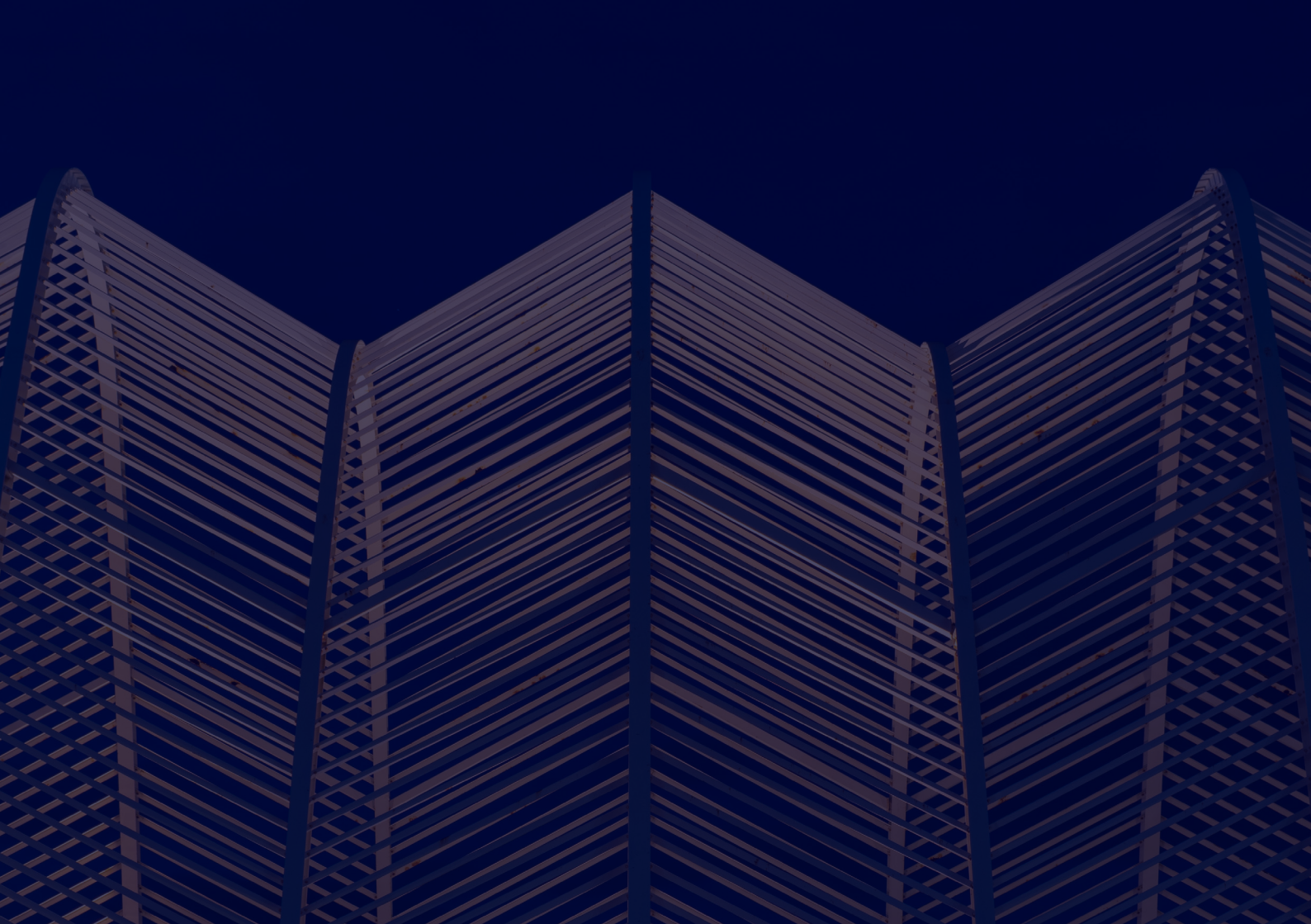
09.00 - 09.30

Welcome and Introduction

Pietro Gimondo, *RINA*

09.30 - 13.00

Dissemination of the REUSteel RFCS projects results



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Opening session



3 MAY

3 May

Opening session EUROSTEELMASTER 2021

14.30 - 15.00

Introduction to the Course & Participants self-presentation

Guido Chiappa, *RINA*

Pietro Gimondo, *RINA*

Enrico Gibellieri, *Director of Eurosteelmater*

15.00 - 17.00

Historical background: highlights on the European steel industry after 1945

Enrico Gibellieri, *Director of Eurosteelmater*

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



4 MAY

4 May

Politics, Market and Trade

09.15 - 10.45

Main Market and Policy Trends in the International Steel Industry

Anthony De Carvalho, *OECD Steel Committee*

11.00 - 12.30

The EU Steel sector amid challenging market conditions

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

Technology

14.15 - 15.45

Blast Furnace & Direct reduction: the transition to a de-carbonized steel production

Eros Faraci, *RINA*

16.00 - 17.30

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

Cesare Giavani, *Tenova*



5 MAY

5 May

Sustainability 1

09.00 - 10.30

Future Challenges on HR in the EU Steel Industry

Antonius Johannes Schröder, *Chairman ESTEP FG5 People*

11.00 - 12.30

Circular Economy, Industrial Symbiosis and Climate Change

Filippo Cirilli, *RINA*

EU & MSs Industrial policy for the Steel Sector

14.00 - 15.00

The EU Policies for the Steel Sector

Gabriele Morgante, *EC DG Grow*

15.15 - 16.15

The EU Policies for Research and innovation Steel Sector

Andrea Gentili, *EC DG Research & Innovation*

16.30 - 17.30

The Italian Steel National Plan, an example of new industrial policy for the steel sector

TBC, *MISE*



6 MAY

6 May

Research & Innovation

09.00 - 10.30

R&I: RFCS, Horizon Europe

Andrea Tropeoli, *RINA*

11.00 - 12.30

R&I: International Cooperation

Pietro Gimondo, *RINA*

Sustainability 2

14.00 - 15.30

The Clean Steel Partnership and the Carbon Neutral Steelmaking

Klaus Peters, *ESTEP General Secretary*

16.00 - 17.30

Hydrogen for a sustainable green steel production

Gianluca Mannucci, *RINA*



7 MAY

7 May

Social Partners and the EU Green Deal

09.15 - 10.45

Green Deal and Just Transition in the Steel Sector

Judith Kirton-Darling, *Deputy General Secretary industriAll Europe*

11.00 - 12.30

The Green Deal and the Steel Sector

Axel Eggert, *General Director of EUROFER*

12.30 - 13.00

Conclusions

Enrico Gibellieri, *Director of Eurosteelmater*



eurosteelmaster@rina.org
rina.org

