



Eurosteelmaster 2018

X EDITION

Advanced Training Course for the
European Steel Sector

14-18 May 2018 Taranto (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 also in 2018. 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 middle 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, 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 RINA with the support of European Commission, EUROFER, Federacciai, Confindustria Taranto, Ordine degli Ingegneri di Taranto, ESTEP – 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 Ordine degli Ingegneri della Provincia di Taranto
Via Salinella, 9-11, 74121 Taranto, Italy



Information

Pietro Gimondo, RINA mob. +39 3484156294

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Email: eurosteelmaster@rina.org



Course Director

Enrico Gibellieri, Member of European Economic and Social Committee



Registration Fee

1.500,00 Euro (+VAT) Full fee (including lunch, teaching material, transfer to plant visit and social events)

990,00 Euro (+VAT) Early registration by 31 March 2018 (including lunch, teaching material, transfer to plant visit and social events)

250,00 Euro (+VAT) Student fee (including lunch, teaching material, transfer to plant visit and social events). This fee is also valid for the members of Ordine degli Ingegneri della Provincia di Taranto, graduated by no more than 4 years. Travel, dinner and hotel accommodation are not included



Workshop DISSI2M

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



Registration

To register send the Application form to: eurosteelmaster@rina.org



Registration Ordine degli Ingegneri della Provincia di Taranto

The EUROSTEELMASTER and the DISSI2M Workshop are organized in collaboration with Ordine degli Ingegneri della Provincia di Taranto.

The participation allows the issue of:

- 5 CFP for free participation to DISSI2M Workshop on May 14th 2018
- 4 CFP for paid participation at each morning or afternoon session of EUROSTEELMASTER (from May 14th to May 18th 2018), up to 32 CFP.

To obtain the CFP issuing, the registration form has to be sent to the following address: info@ordingtaranto.it

Workshop DissI2M

Intelligent Integrated Manufacturing in Steel Industry Dissemination of RFCS projects results

In collaboration with
Ordine degli Ingegneri della Provincia di Taranto

INTRODUCTION

Among the Working Groups of the European Steel Technology Platform ESTEP, the Working Group Integrated Intelligent Manufacturing (I2M) is dedicated to the topics of Industry 4.0.

The WG I2M promoted the project DissI2M aiming to disseminate and exploit the most important projects funded by UE Research Fund for Coal and Steel (RFCS) in the field of the industrial digitalization and specifically for Steel Industry.

The project DissI2M intends to critically analyze more than 40 funded projects, carried out in the last 10 years, to valorize the economic and technical benefits and to disseminate the results by organizing dedicated workshop and conferences.

In this context, the workshop contributes to provide useful indications on the future research priorities in this topic starting from the recent drafting of the WG I2M's Road Map and the dissemination and critical analysis of the selected projects.

Monday
14
May

9.00 - 10.00 Registration of participants

10.00 - 10.15 Welcome and Introduction

*Guido Chiappa, CEO of RINA-Centro Sviluppo Materiali
Giovanni Patronelli, President of Ordine degli Ingegneri
della Provincia di Taranto*

**10.15 - 10.45 Integrated Intelligent Manufacturing:
The Roadmap**

Harald Peters, Chairman Working Group I2M ESTEP

10.45 - 11.00 Coffee Break

Session 1 Process Efficiency
Chairman *Giorgio Porcu, RINA*

11.00 - 11.30 Product quality improvement towards zero defects

Rubén Pérez Chust, ArcelorMittal Spain

11.30 - 12.00 Plant/Process performance improvement towards the highest productivity

Maria Maddalena Murri, RINA

Session 2 Environment
Chairman *Teresa Annunziata Branca, SSSA*

12.00 - 12.30 Environmental monitoring in steel plants

Roberto Piancaldini, RINA

12.30 - 13.00 Optimized off-gas management in steelworks

Ismael Matino, SSSA

13.00 - 14.30 Lunch

Session 3 Knowledge Management
Chairman *Maria Maddalena Murri, RINA*

14.30 - 15.30 Knowledge Engineering and Utilization in the steel industry

Alexander Ebel, BFI

15.30 - 16.00 Workshop DissI2M Conclusions

Pietro Gimondo, RINA



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Monday
14
May

16.30 - 17.30 Introduction to the Course

Roberto Carpaneto, COO of RINA

Representative of local Authorities (tbc)

Antonio Bufalini, Director Operations ILVA

Vincenzo Cesareo, President of Confindustria Taranto

Flavio Bregant, Director General Federacciai

Enrico Gibellieri, Director of Eurosteelmater

HISTORY

17.45 - 19.30 Historical background: highlights on the European steel industry in the last seventy years

Ruggiero Ranieri, Economic Historian

21.00

Welcome Dinner



**Tuesday
15
May**

POLITICS, MARKET AND TRADE

9.00 - 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, RFCS TGS1 member (tbc)

16.00 - 16.30 Coffee Break

16.30 - 18.00 Electric Arc Furnace: Recent Developments

Cesare Giavani, Head of Process and R&D Tenova



Wednesday
16
May

SUSTAINABILITY

9.00 - 10.30 Future Challenges on HR in the EU Steel Industry

Peter Schelkle, Secretary ESTEP WG5, ThyssenKrupp

10.30 - 11.00 Coffee Break

11.00 - 12.30 Circular Economy, Industrial Symbiosis and Climate Change

Filippo Cirilli, Materials Innovation, 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 Growth European Commission

15.00 - 15.30 Coffee Break

15.30 - 17.00 The ILVA Group

Antonio Bufalini, Director Operations ILVA



**Thursday
17
May**

**VENUE
CONFERENCE HALL CONFINDUSTRIA
TARANTO**

Via Dario Lupo 65, 74121 Taranto

RESEARCH & INNOVATION

9.00 - 9.30 H2020 and Innovation Fund

Domenico Rossetti di Valdalbero, Deputy Head of Unit - EC, DG Research & Innovation

9.30 - 10.30 The RFCS & Horizon 2020

Pietro Gimondo, Head Industry Funded Projects, RINA

10.30 - 11.00 Coffee Break

11.00 - 11.30 Digital transformation in the steel sector

Andrea Bombardi, Executive Vice President, RINA

11.30 - 12.30 Steel Industry 4.0

Luca Piedimonte, I4.0 Area Manager, RINA

12.30 - 13.30 Lunch

**STEEL PRODUCT DEVELOPMENT &
APPLICATIONS**

13.30 - 15.00 Vision for a Future European Steelmaking Project

Klaus Peters, General Secretary ESTEP

15.00 - 15.30 Coffee Break

15.30 - 17.00 SPIRE: the PPP for the EU EIs in Horizon 2020

Klaus Peters, General Secretary ESTEP

17.00 - 17.30 Diploma Ceremony

*Andrea Bombardi, Executive Vice President, RINA
Enrico Gibellieri, Director of Eurosteelmater*

18.00 Cultural & Social Event

Visit MARTA National Archaeological Museum



**Friday
18
May**

**FORTHCOMING MAIN INDUSTRIAL POLICY
CHANGES IN THE EU STEEL SECTOR**

**9.00 - 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 Consequences of the new EU Trade Policy
for the Steel Sector**

Philippe Morvannou, Syndex

12.30 - 13.00 Conclusions

Enrico Gibellieri, Director of Eurosteelmater

13.00 End of Course





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