

ENERGY SECTOR TRENDS, CHALLENGES AND INNOVATION

AN OPPORTUNITY FOR CROSS INDUSTRIES SYNERGY



Bologna
March 13th - 14th
2014



ASSOINGE, the Italian Engineers Abroad Association is a no-profit organization which links professionals from several industries and promotes networking and professional knowledge sharing. It builds bridges between various industries and the research institutes (including universities) to contribute to both scientific innovation and business opportunities. It includes Italian professionals from all over the world and it is registered in the Netherlands.

www.assoinge.org

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ENEA is the Italian National Agency for New Technologies, Energy and Sustainable Economic Development. The Agency's multidisciplinary competences and great expertise in managing complex research projects are an important asset to the Italian Country system.

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**Under the auspices of Italian Ministry
for Foreign Affairs and City of Bologna**



With Participation of



UniTN, UniFI,
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THE CONFERENCE: A NETWORKING AND SHARING OPPORTUNITY

This is the first of a series of events aimed to promote the dialogue between the Academia (meant as universities and research institutes), the industry and public administration, with the following goals:

Sharing the **latest trends and technology innovations** in the areas of: Power distribution, Oil&Gas, Renewable energy sources, New materials, Environmental and sustainable development

Establishing a creative dialogue between the parties to co-develop innovative ideas that will improve industrial technologies and processes with particular attention to their sustainable impact

Leveraging the resources and the innovation capability of the Academia to generate new solutions to both the industry and the public enterprise

Creating an **industry-research community** of professionals that promotes, enriches and values the Italian scientific and technological know - how both in Italy and Abroad

THURSDAY MARCH 13TH

REGISTRATION

WELCOME – ENEA Host representative

INTRODUCTION – Dr. F. Paravento (Assolinge President)

Dr. G. Murgia (Deputy Head of Unit, DG Enterprise and Industry, European Commission) - A European Industrial strategy on Key Enabling Technologies

SESSION 1: Power technologies, energy storage and ICT:

- A. Ciriello (Chief engineer Energy Technology Company): Future needs for higher share of Renewable energies
- Dr. V. Rosato (ENEA): Power technologies and energy systems vulnerability
- Prof. R. Ceccato (Trento University): H2 as energy storage & Materials research activities for the energy challenges of the future
- R. Vacca (Honor Guest): Planning, rationalization of ICT networks and raising cultural awareness to promote wise use of resources
- Panel Discussion with questions from the audience

SESSION 2: Renewable and Sustainable Technologies

- Dr. A. De Lillo (ENEA): Overview on renewables and sustainability
- Beta Renewables: A new generation biofuel project
- Dr. L. Nibbi (Florence University): Renewable energy sources for small and medium scale generation towards a "Carbon Free" future: research activities of the CREAR Research Centre and of the RE-CORD Consortium
- G. Merola (International chemical company): Sustainability & water treatment
- Dr. M. Fulgosi (Steel industry): Automation and water treatment in the steel industry
- Panel Discussion with questions from the audience

Posters, Stands & networking time followed by the Social Event

FRIDAY MARCH 14TH

SESSION 3: Oil & Gas, Trends and Environmental Protection

- L. Accattatis (Middle East Refining company): Overview of current trends worldwide - case studies , challenges and opportunities for improvements
- T. Zucca (Engineering company): Plant- DAFNE Patent, The invisible method to get pure natural gas at the wellhead
- Prof. A. Soldati/ Dr. F.Zonta (Udine University): Transport phenomena in industrial and environmental turbulent flows to monitor releases
- L. Falso (International major energy company): What comes next in Oil & Gas
- Panel Discussion with questions from the audience

SESSION 4: New frontiers, Partnerships and funding for key enabling technologies, Start ups

- Dr. G. G. Daquino (REA of EU Commission) - MSCA RISE action: Enabling development of networks between public and private sectors
- Dr. M. Vittori Antisari / Dr. M. Casagni (ENEA): Examples of new frontiers and Key Enabling Technologies (KET`s)
- Dr. A. Notargiacomo (CNR): Example of new frontier: Trends and applications in Nanogeneration
- Brexma & Naici: How to build partnerships and access to EU funds for innovation projects: CEMENGUAINA THERM, a success case
- Dr. S. Supino (Cassino and Southern Lazio University): The Italian start-ups reality
- Panel Discussion with questions from the audience

CONCLUSIONS – Assolinge

Posters, Stands & networking with 'aperitivo'

Speaker's profiles on www.assoinge.org

Join at www.assoinge.org/wordpress

FEES

500 euro per supporter Company (3 attendees)
250 euro per University (3 attendees)
100 euro per single attendee
Lunch and social event included

VENUE and LOCATION

ENEA Research Centre, Via Martiri di Monte Sole 4,
Bologna - ITALY
The city of Bologna, already capital of European culture in 2000, is home to prestigious cultural, economic and political institutions and one of the top cities in terms of quality of life in the Country. Travel & Hotel information will be sent via email.