

NOVEMBER 15 – AFTERNOON

**SESSION IV – INNOVATION: ADVANCED PROJECTS
AND MATERIALS**

14.00 – 15:00:

Selection and development of design and manufacturing codes and standards for ITER components.

Speaker: Giulio Sannazzaro, ITER Organization

15.00 – 16:00:

New materials and Safety Features for Innovative (Generation-IV) Systems.

Speaker: Guglielmo Lomonaco, University of Genova

16.00 – 16:15: Coffee Break

16.15 – 17:00:

Possible application of nano-materials and intelligent materials in pressure piping (objective 2050).

ASME Speaker

17.00 – 17:15: Break

17.15 – 18:30:

Round Table: *Organization and Safety Aspects of Complex Projects*

Introduced and Chaired by Sergio Orlandi, Director for CEP Directorate, ITER Organization

Scientific Committee

Francesco Alicino, ASME Italy Section Chair

Guy Baylac, ASME France Section Chair

Wolfgang Hoffelner, ASME Swiss Section

Organization Committee

Francesco Alicino, ASME Italy Section Chair

Eugenio Brusa, ASME Italy Section Vice-Chair

Luca Gaetani, ASME Italy Section Secretary

Murat Dogru, ASME Europe Office, Community and Corporate Relations Manager

Conference web page

<http://events.asme.org/PED2013/>

Section web page

www.asme.it

Contacts

ASME Europe OFFICE

Avenue de Tervueren 300

B-1150 Brussels – Belgium

Email: info-europe@asme.org

ASME Italy Section

Via del Dragoncello, 497

00126 Roma – Italy

Email: info@asme.it

Sponsors & Exhibitors



**PED REQUIREMENTS AND ASME
CODE CONFERENCE 2013**

Genova, 14-15 November 2013

Porto Antico di Genova – Centro Congressi



Supported by (con il Patrocinio di)



REGIONE LIGURIA



Provincia di Genova



Comune di Genova



CONFINDUSTRIA
GENOVA



ORDINE DEGLI INGEGNERI
DELLA PROVINCIA DI GENOVA



UNIVERSITÀ DEGLI STUDI
DI GENOVA

NOVEMBER 14 – MORNING

SESSION I – DESIGN OF PRESSURE EQUIPMENT AND SYSTEMS

09.00 – 09:15:

Welcome and Opening (Francesco Alicino, ASME Italy Section Chair)

09.15 – 10:00:

Requirements for power boilers: ASME B31.1 and European Norm on Boilers EN 12952.

Speaker: Michel Margat, HSB Global Standards

10.00 – 10:45:

Flange design by analysis. An overview of the progress in the flange design by using FEA according to the European Norms (BS, EN, etc.) and ASME.

Speaker: Muhammed Abid, GIKI, Pakistan, on behalf of Turkish Section

10.45 – 11:00: Coffee Break

11.00 – 11:45:

Harmonization of PED and ASME for piping flexibility calculations.

Speaker: Amitkumar Shukla, Alstom, on behalf of Swiss Section

11.45 – 12:30:

Pressure Equipment Design and Construction Code in the European Regulation Context for nuclear and non-nuclear plants.

Speaker: Claude Faidy, EDF, on behalf of French Section

12.30 – 13:00: Visit to the Exhibitors' Stands

13:00 – 14:00: Lunch

NOVEMBER 14 – AFTERNOON

SESSION II – ANALYTICAL APPROACHES

14.00 – 14:45:

Use of alternative rules in pressure equipment design according to the European Norms and ASME Code.

Speaker: Robert Kauer, TÜV SÜD, ASME

14.45 – 15:30:

Creep and creep-fatigue interaction in Design Codes and in particular in the ASME Code.

Speaker: Wolfgang Hoffelner, RWH Consult, on behalf of Swiss Section

15.30 – 15:45: Coffee Break

15.45 – 16:30:

Application of ASME Code Case 2605-1 requirements for the assessment of creep-fatigue interaction in 2.25Cr-1Mo-V pressure vessels manufactured according to PED.

Authors: B. Alborali, ATB Riva Calzoni S.p.A., A. Cecchi, ENI S.p.A. Div. R&M, G. Cosso and R. Grandicelli, IIS Service s.r.l.

Speaker: G. Cosso, IIS Service s.r.l.)

16.30 – 17:15:

Fracture Mechanics approach according to ASME and PED. Status and perspectives.

ASME Speaker

17.15 – 17:30: Coffee Break

17.30 – 18:30:

Round Table: Perspectives and Update of Pressure Vessel Codes.

Introduced and chaired by Michel Margat, Codes & Standard Manager, HSB Global Standards

NOVEMBER 15 – MORNING

SESSION III – OPERATION AND SERVICE

09.00 – 09:45:

Repairs/modification after delivery. Consequences on R and U stamp. Compliance to PED requirements.

Speaker: Mirko Corsini, Massimiliano Morassi, Bureau Veritas Italia S.p.a

09.45 – 10:30:

Reconciliation with PED of in service equipment supplied according to ASME: requirements, critical issues and feasibility of certification.

Speaker: Giovanni Carratino, RINA Services S.p.a

10.30 – 10:45: Coffee Break

10.45 – 11:30:

Application of Fitness for Service procedures to the assessment of corrosion damage on high temperature components.

Speaker: Luca Casiraghi, RTM Breda s.r.l

11.30 – 12:15:

New Italian framework for structural integrity of pressure vessels in service.

Speaker: Corrado Delle Site, INAIL, Chair of CTI Subcommittee n. 3

12.15 – 13:00:

Earthquake protection of industrial plants through seismic isolation and energy dissipation.

Speaker: M. Gabriella Castellano, R&D Department, FIP Industriale SpA

13:00 – 14:00: Lunch