



Ped requirements and Asme code conference 2013

Genova, 14-15 November 2013
Porto Antico di Genova
Centro Congressi

ASME and the ASME Italy Section will be holding the second edition of the "PED Requirements and ASME Code" Conference. This Conference aims at discussing and giving an overview of the correlations and differences between the PED Requirement and the ASME BVP Code.

Experiences, discussion and round tables will be shared with some experts from ASME and engineers from industry, companies and academia.



Programme

NOVEMBER 14 - MORNING

SESSION I - DESIGN OF PRESSURE EQUIPMENT AND SYSTEMS

Welcome and Opening

(Francesco Alicino, ASME Italy Section Chair)

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

Speaker: Michel Margat, HSB Global Standards

- 2) 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

- 3) Harmonization of PED and ASME for piping flexibility calculations.

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

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

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

NOVEMBER 14 - AFTERNOON

SESSION II - ANALYTICAL APPROACHES

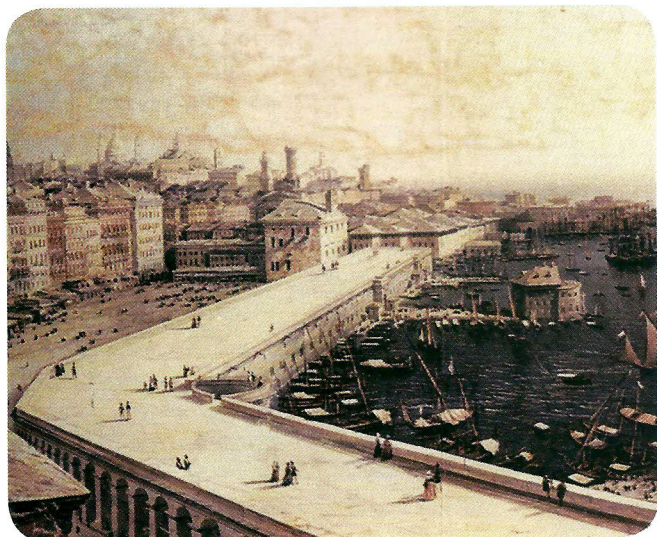
- 1) Use of alternative rules in pressure equipment design according to the European Norms and ASME Code.

Speaker: Robert Kauer, TÜV SÜD, ASME

- 2) 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





- 3) 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.)

- 4) Fracture Mechanics approach according to ASME and PED. Status and perspectives.

ASME Speaker

- 5) **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

- 1) 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
- 2) 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
- 3) Application of Fitness for Service procedures to the assessment of corrosion damage on high temperature components.

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

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

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

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

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

NOVEMBER 15 - AFTERNOON

SESSION IV - INNOVATION: ADVANCED PROJECTS AND MATERIALS

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

Speaker: Giulio Sannazzaro, ITER Organization

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

Speaker: Guglielmo Lomonaco, University of Genova

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

ASME Speaker

- 4) **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

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