Location

The Conference will take place on the monumental island complex of San Servolo in Venice, Italy.

The island of San Servolo extends over 4.82 hectares, almost ten times the size of the original sand dune created by the natural geological evolution of the lagoon. The complex is nowadays a centre of excellence for cultural and social development.

Preliminary Registration Fees

Registration fees are expressed in Euro. Early registration applicable if paid by January 31, 2015.

	Early Fees If paid by January 31, 2015	Late Fees If paid after January 31, 2015
Delegates	550 €	650 €
Students	410 €	490 €

ECCOMAS and IACM members will have a 5% reduction on the delegate fees.

Registration fees include: Conference proceedings, attendance at all scientific sessions, coffee breaks, reception and banquet.

Supporting Organizations:

- European Community on Computational Methods in Applied Sciences (ECCOMAS)
- International Association for Computational Mechanics (IACM)
- International Center for Numerical Methods in Engineering (CIMNE), Spain
- National Technical University of Athens, Greece
- Technical University of Catalonia (UPC), Spain
- University of Padova, Italy

Coupled Problems 2015

VI International Conference
on Computational Methods for Coupled
Problems in Science and Engineering

18 – 20 May 2015, San Servolo, Venice, Italy

Coupled Problems 2015

18-20 May 2015, San Servolo, Venice, Italy

How to register and submit contributions

Authors are invited to submit individual contributions on any of the conference topics. Submissions and conference registration should be performed electronically via the conference web site:

http://congress.cimne.com/coupled2015/

CIMNE Congress Bureau
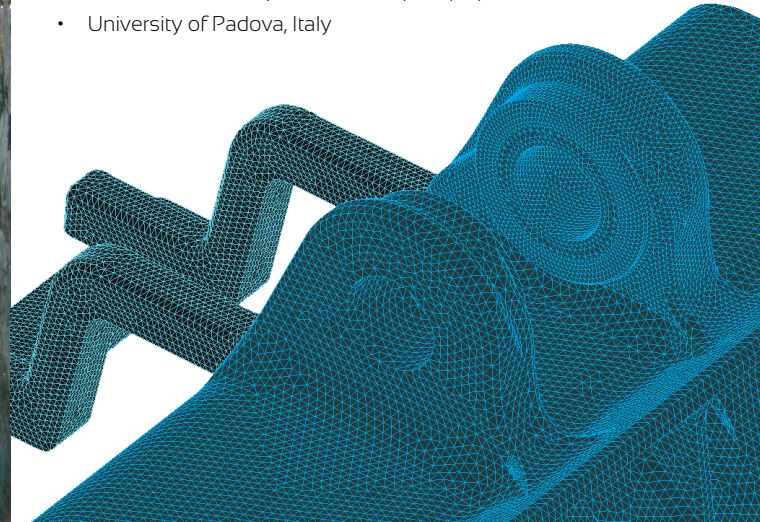
International Center for Numerical Methods in Engineering

CIMNE Congress Bureau
Campus Nord UPC, Building C3 - "Zona Comercial"
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Tel. +34 93 405 4697 / Fax +34 93 205 8347
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Objectives

The **sixth edition of the International Conference on Computational Methods for Coupled Problems in Science and Engineering (COUPLED PROBLEMS 2015)** will be organised on **18 - 20 May 2015** on the island of San Servolo, in Venice, Italy.

The previous five editions of this conference were held on the islands of *Santorini (Greece) on 25-28 May 2005, Ibiza (Spain) on 21-23 May 2007, Ischia (Italy) on 8-11 June 2009, Kos (Greece) on 20-22 June 2011 and Ibiza (Spain) on 17 – 19 June 2013.*

The objectives of **COUPLED PROBLEMS 2015** are to present and discuss state of the art, mathematical models, numerical methods and computational techniques for solving coupling problems of multidisciplinary character in science and engineering. The conference goal is to make step forward in the formulation and solution of real life problems with a multidisciplinary vision, accounting for all the complex couplings involved in the physical description of the problem.

The conference will be included as one of the Thematic Conferences of the European Community on Computational Methods in Applied Sciences (**ECCOMAS**) and an Special Interest Conference of the International Association for Computational Mechanics (**IACM**). It will also be supported by other scientific organizations in Europe and worldwide.

Important Dates

Deadline for presenting a one page abstract	15 October 2014
Acceptance of the contributions	17 November 2014
Deadline for submitting the full paper (not mandatory) and early payment	31 January 2015

Conference Organizers

Bernhard A. Schrefler
Department of Civil, Environmental and Architectural Engineering
Università degli Studi di Padova, Italy

Eugenio Oñate
Universitat Politècnica de Catalunya (UPC)
International Center for Numerical Methods in Engineering (CIMNE), Spain

Manolis Papadrakakis
Institute of Structural Analysis & Antiseismic Research
National Technical University of Athens, Greece

Scientific Committee

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- H. van Brummelen, Netherlands
- H. Waisman, USA
- W. Wall, Germany
- N-E. Wiberg, Sweden
- P. Wriggers, Germany
- Ch. Wu, UK
- R. Wüchner, Germany
- G. Yagawa, Japan
- Z. Yosibash, Israel
- Y. Zhang, USA

Conference Topics

- Applications of Coupled Problems:
  - › Bio-Medicine
  - › Electro-Magnetics
  - › Environmental Problems
  - › Fluid-Structure Interaction
  - › Geomechanics
  - › Industrial Processes
  - › Thermo-Mechanics, etc.
- Thermo-Hydrodynamic Problems
- Coupled Solution Strategies
- Design Optimization and Control
- High Performance Computing
- Loose and Strong Coupling Techniques
- Mathematical Formulation of Coupled Problems
- Multiphysics Problems
- Multiscale Problems
- Numerical Methods for Coupled Problems:
  - › Finite Elements, Finite Volumes, Finite Differences, Particle Methods, Meshless Methods, etc.

ECCOMAS and IACM Support

Coupled Problems 2015 is one of the Thematic Conferences of the European Community in Computational Methods in Applied Sciences (ECCOMAS),
www.eccomas.org

Coupled Problems 2015 is a Special Interest Conference of the International Association for Computational Mechanics (IACM)
www.iacm.info