

Coupled Problems 2013

17 - 19 June 2013, Ibiza, Spain

Conference Secretariat

International Center for Numerical Methods in Engineering (CIMNE)

Congress Management Department (CMD)

Campus North UPC

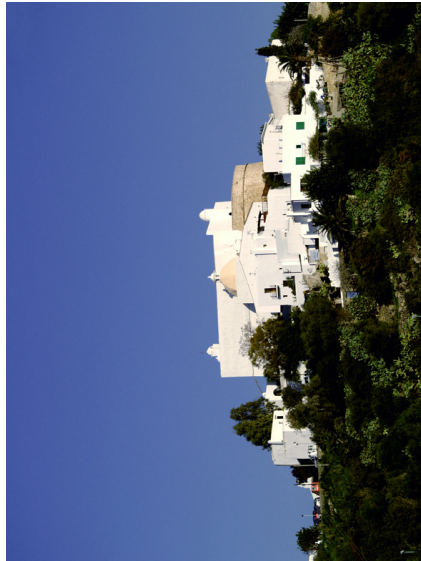
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<http://congress.cimne.com/coupled2013>



Puig de Missa, Sta. Eulalia, Ibiza, Spain

ECCOMAS and IACM support

Coupled Problems 2013 is one of the Thematic Conferences of the European Community on Computational Methods in Applied Sciences (ECCOMAS): www.eccomas.org

Coupled Problems 2013 is also a Special Interest Conference of the International Association for Computational Mechanics (IACM): www.iacm.info

Location

The conference will take place at the Conference Center in the city of Santa Eulalia in the island of Ibiza, Spain.

Provisional Registration Fees

Registration fees are expressed in Euro. **Early registration applicable if paid before 28 February 2013.**

	Early	Late
Delegates	490 €	590 €
Students	350 €	410 €

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 Organisations

- Ajuntament de Santa Eulalia, Ibiza
- Center for Advanced Studies (CEAV), Ibiza, Spain
- 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 (NTUA), Greece
- University of Padova, Italy
- Universitat Politècnica de Catalunya (UPC), Spain



Coupled Problems 2013

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

17 - 19 June 2013, Sta. Eulalia, Ibiza, Spain

An IACM Special Interest Conference



A CONFERENCE CELEBRATING THE 60th BIRTHDAY OF
EUGENIO OÑATE



<http://congress.cimne.com/coupled2013>

Objectives

The fifth conference on Computational Methods for Coupled Problems in Science and Engineering (Coupled 2013) will be organized on 17-19 June, 2013 in the island of Ibiza, Spain. The previous four editions of this conference were held on Santorini Island (Greece), on the islands of Ibiza (Spain) on 2007, Ischia (Italy) on 2009, on Kos (Greece) on 2011.

The objectives of Coupled 2013 are to present and discuss state of the art, mathematical models, numerical methods and computational techniques for solving coupled 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). It will also be supported by other scientific organizations in Europe and worldwide including the International Association for Computational Mechanics (IACM).

Coupled 2013 is dedicated to celebrating the 60th birthday of Eugenio Oñate.

Important Dates

Deadline for presenting one page abstract	29 October 2012
Acceptance of the contributions	7 December 2012
Deadline for submitting the full paper and early payment	28 February 2013

About Ibiza Island

The larger of the two Pitiusan Islands (Ibiza and Formentera) is one of the Balearic Islands most popular nature, heritage and tourism attractions. Its 239 kilometres of coastline make the Punic 'Ebusus' an island with unique characteristics.



Conference Chairmen

S. Idelsohn, ICREA Research Professor at CIMNE, Spain

M. Papadrakakis, Nacional Technical University at Athens, Greece

B. Schrefler, Università degli Studi di Padova, Italy

Scientific Committee

C. Agelet de Saracibar , Spain	A. Huerta , Spain	E. Rank , Germany
M.H. Aliabadi , UK	T.J.R. Hughes , USA	J. Rojek , Poland
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J. Fish , USA	D. Peric , UK	H. Zhang , China
A. Garriga , Spain	G. Pijaudier-Cabot , France	L. Zhang , USA
L. Gastaldi , Italy	P.M. Pinsky , USA	Y. Zhang , USA
J.M. Goicolea , Spain	J-Ph. Ponthot , Belgium	
M. Guarnieri , Italy	E. Ramm , Germany	

Conference Topics (the list is not exhaustive)

- Applications in Science and Engineering: Thermo-Mechanical Problems, Fluid-Structure-Interaction, Electro-Magnetic-Dynamics, Bio-Medicine, etc.
- Coupled Solution Strategies. Loose & Strong Coupling Schemes
- Mathematical Formulation of Multidisciplinary Problems
- Numerical Methods for Coupled Problems: Finite Elements, Finite Volume, Finite Difference, Particle Methods, Meshless Methods, etc.
- Optimum Design in Multi-Disciplinary Problems
- Parallel and Real Time Computational Techniques



Conference Center in Sta. Eulalia, Ibiza, Spain



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How to register and submit contributions

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

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