

# 8<sup>th</sup> GRACM International Congress on Computational Mechanics

12<sup>th</sup> -15<sup>th</sup> July 2015, University of Thessaly, Volos GREECE



## Venue

The Greek Association of Computational Mechanics (GRACM) in association with the Mechanical and Civil Engineering Departments of the University of Thessaly will organize the 8<sup>th</sup> GRACM conference in a series of congresses in the area of Computational Mechanics.

The conference will be held between the 12<sup>th</sup> and 15<sup>th</sup> of July 2015 in the facilities of the University of Thessaly in Volos.

The first congress was held in 1992 and is organized ever since by GRACM. GRACM is a member of ECCOMAS – the European Community on Computational Methods in Applied Sciences – and is affiliated with IACM – the International Association for Computational Mechanics.

The official language of the congress, in accordance with the standard GRACM policy, is English.

The printed book of abstracts and the accompanying CD of conference proceedings with the full length papers will be published by the University of Thessaly Press and they will have their own ISBN Number

## Objective

The conference series is dedicated to bringing to the forefront current and innovative research activities, which combine numerical methods and analytical tools in the field of theoretical and applied mechanics. Researchers whose line of research is either fundamental or applied are encouraged to participate.

Young researchers are particularly encouraged to present their work and reduced fees are offered for this purpose.

## Invited speakers

- Dr. G. Holzapfel University of Graz
- Dr. S. Kalliadasis Imp. College London
- Dr. P. Koumoutsakos ETH Zurich

## Contact

Website: <http://8gracm.mie.uth.gr/>  
E-mail: [8gracm@uth.gr](mailto:8gracm@uth.gr)

## Selected Topics

- Computational Methods: Finite elements, Boundary Elements, Spectral Methods, etc.
- Computational Mechanics of Materials
- Computational Structural Dynamics and Earthquake Engineering
- Computational Aerodynamics and Aeroelasticity
- Computational Magnetohydrodynamics
- Lattice Boltzmann & Kinetic Methods
- Molecular Dynamics
- Fracture Mechanics
- Fluid Mechanics and Hydraulics
- Transport Phenomena
- Microfluidics & Interfacial Phenomena
- Hydrodynamic Stability and Transition
- Biomechanics

## Organizers

### Conference Co-chairmen

- Dr. G.E. Stavroulakis (Technical University Crete) President of GRACM
- Dr. N. Pelekasis (University of Thessaly) Secretary of GRACM

### Local Organizing Committee

- Dr. N. Aravas (Dpt. Mech Eng.)
- Dr. A. Giannakopoulos (Dpt. Civ. Eng.)
- Dr. Th. Karakasidis (Dpt. Civ. Eng.)
- Dr. E. Mistakidis (Dpt. Civ. Eng.)
- Dr. C. Papadimitriou (Dpt. Mech Eng.)
- Dr. N. Pelekasis (Dpt. Mech Eng.)

## Important dates

Abstract Submission deadline: 31 Dec 2014  
Acceptance Notification: 31 Jan 2015  
Paper Submission: 15 March 2015  
Corrections: 15 April 2015

## Registration Fees

Type of participant	Early	Late
Senior Participant	200 €	300 €
Young Investigator (*)	100 €	200 €
Student (non-author)	30 €	50 €
Accompanying Person	50 €	70 €

\* upto 35 year sold

## Scientific Committee

N. Aravas	University of Thessaly
I. Avramidis	Aristotle University of Thessaloniki
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G. Tsiatas	NTUA
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N. Vlachos	University of Thessaly
S. Yiantsios	Aristotle University of Thessaloniki