Objectives

The scope of the IV ECCOMAS Thematic Conference on the Mechanical Response of Composites is the scientific investigation of complex mechanical behaviour of composite materials and structures. The conference focuses mainly on theoretical and numerical modelling and prediction of the performance of composite components, covering also experimental validation and challenging industrial applications of recent developments.

Conference Topics

- Dynamics
- Continuum Damage Mechanics
- Fracture Mechanics
- Micromechanics
- Progressive Failure Analysis
- Fatigue
- Impact
- Stability
- Delamination
- Structural Health Monitoring
- Model Identification
- Virtual Testing
- Probabilistic Methods
- Meshless Methods, and Novel Numerical Methods
- Multi-Scale Modelling
- Reduced Order Models
- Optimization
- Mechanics of Composite and Sandwich Structures
- Multifunctional Materials
- Nanocomposites
- Prepreg and Textile Composites
- Novel Materials

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The organizers are grateful to the University of the Azores for hosting the conference and for all the logistic support.
Important dates

- **January 31st, 2013** to **February 15th, 2013**: Abstract submission deadline
- **March 15th, 2013**: Author notification
- **June 30th, 2013**: Early payment deadline
- **July 31st, 2013**: Full paper and author registration payment deadline

Registration fees (EUR)

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<th>Category</th>
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<td>Full (non IACM or ECCOMAS member)</td>
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The full and student registration fee covers: Conference Proceedings, Lunch and Coffee Breaks, Welcome Reception, Conference Dinner and Tour to S. Miguel Island.

The accompanying person registration fee includes: Lunches, Welcome Reception, Conference Dinner and Tour to S. Miguel Island.

The presenting author of each paper much have registered by July 31st, 2013 for the paper to be included in the proceedings and scheduled for presentation.