



## International Conference on Recent Advances in Rehabilitation and Sustainability of Structures

1 - 2 June 2015  
Azores, Portugal

### ORGANIZATION

UA – University of Azores  
UC – University of Coimbra  
IDMEC/LAETA - Mechanical Engineering Institute  
APMTAC – Portuguese Society for Theoretical,  
Applied and Computational Mechanics



### OBJECTIVES

RehabStructures 2015 elects as its main objective to establish the state of the art associated to the rehabilitation and sustainability of structures, namely considering the conference topics:

- Health monitoring of structures
- Damage detection techniques
- Models for nonlinear material behaviour applied to repair including thermo-mechanic, rate dependency and dynamic effects
- Damage and fracture mechanics
- Models for the design of repaired and rehabilitated structures
- Multiphysics phenomena
- Multiscale analysis
- Durability and environmental aspects
- Performance under extreme conditions
- Composites and other repairing materials
- Sustainable structures
- Quality control advanced techniques
- Structural reverse engineering and optimal design
- Identification-documentation-rehabilitation flowchart
- among others...

### REGISTRATION FEES (EUR)

#### Registration Fees Until January 31<sup>st</sup>, 2015

|                            |       |
|----------------------------|-------|
| ECCOMAS/APMTAC Members     | 400 € |
| Non ECCOMAS/APMTAC Members | 450 € |
| Poster/Student             | 250 € |
| Assisting Persons(*)       | 170 € |

#### Registration Fees After January 31<sup>st</sup>, 2015

|                            |       |
|----------------------------|-------|
| ECCOMAS/APMTAC Members     | 500 € |
| Non ECCOMAS/APMTAC Members | 550 € |
| Poster/Student             | 300 € |
| Assisting Persons(*)       | 200 € |

The presenting author of each paper must have registered by 1<sup>st</sup> March, 2015 for the paper to be included in the proceedings and scheduled for presentation.

### Registration fees include:

- Conference program and a pen with the abstracts and the full length papers.
- Coffee breaks and buffet daily lunch
- Conference dinner (except \*)
- Participation certificate / Presence certificate (\*)

### IMPORTANT DATES

September 1<sup>st</sup>, 2014- Begin abstract submission (1 pg)  
January, 15<sup>th</sup>, 2014 – Abstract submission deadline  
January 20<sup>th</sup>, 2014 – Authors notification  
January 31<sup>st</sup>, 2015 – Early payment deadline  
March 1<sup>st</sup>, 2015 – Full paper and author registration payment deadline

### ORGANIZING COMMITTEE

Helena Barros (Chairperson, DEC/UC, INESC-C)  
Amélia Loja (Co-Chairperson, IDMEC/LAETA, ADEM/ISEL)  
Carla Ferreira (DEC/UC, DEC/UC, INESC-C)  
Isabel Torres (DEC/UC, CICC)  
Joaquim Infante Barbosa (IDMEC/LAETA, ADEM/ISEL)  
José Aguiar (ArchC\_3D/FA, FA/UL)  
Luís Cotrim Mateus (ArchC\_3D/FA, FA/UL)  
Nuno Silvestre (IST/UL, IDMEC/LAETA)  
Victor Mota Ferreira (ArchC\_3D/FA, FA/UL)  
Maria João Barros, Universidade dos Açores

### SECRETARIAT

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### CONFERENCE STRUCTURE

- Plenary Lectures (45min) with Invited Speakers
- Parallel Sessions with presentations (20 min)

### INSTRUCTIONS TO AUTHORS

For templates and further information, please visit the conference website <http://rehastructures2015.dec.uc.pt>

The papers presented at the conference may be after submitted for a special issue on an international journal for engineering science to define later.