Call for Papers

25th International Conference on Adaptive Structures and Technologies

The Hague, The Netherlands
www.icast2014.nl

Welcome!

The 25th International Conference on Adaptive Structures and Technologies (ICAST 2014) will be held on October 6-8, 2014, in the Mercure Hotel in The Hague, The Netherlands.

The ICAST 2014, which is celebrating its 25th jubilee, is characterized by a series of successful international conferences, which have followed the field of smart materials and adaptive structures and systems, from its emergence to its current rapid maturity. The ICAST 2014 aims at promoting research, development and use of adaptive structures and technologies through the exchange of scientific results and insight from leading international scholars and specialists from Europe, the Americas and Asia. The conference provides a forum for discussion of recent advances in the highly multidisciplinary field of smart materials and structures. In addition, this conference encourages the transfer of advanced scientific results from research to application in a single session conference with limited attendance.

Contact us!

ICAST 2014 Conference Secretariat
SciConf – Scientific Conference Organizers
Mrs. Marion van den Boer

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www.icast2014.nl

Important Dates in 2014

May 8th Abstract submission deadline (300 words)
May 8th Start of early bird registration
June 8th Notification on abstract acceptance
August 1st End of early bird registration
September 8th Deadline for paying fee of presenting authors
October 5th Welcome reception

October 6th - 8th 2014
Conference commencement at the Mercure Hotel, The Hague, The Netherlands
Conference Topics

Materials
- Active or field dependent materials
- Shape memory alloys
- Shape memory polymers
- Ferroelectrics and Piezoelectrics
- Electroactive polymers
- Dielectric elastomers
- Active nanocomposites
- Electrostrictive and magnetostrictive materials
- Electrorheological and magnetorheological fluids
- Multifunctional materials
- Smart composites
- Smart textiles

Structural Systems and Solutions
- Adaptive or smart structural systems
- Active vibration control and reduction
- Active/semi active/hybrid damping
- Active noise control
- Shape and position control
- Variable geometry structures
- Nano/Micro structures/systems

Tools and Methodologies
- Coupled-field mechanics
- Numerical methods
- Structural integration of sensors and actuators
- Control methodologies
- Integrated system design
- Bioinspiration and biomimetics
- Embodying intelligence

Applications
- Aerospace
- Military
- Automotive and Energy
- Harvesting
- Compact hybrid actuation
- Morphing structures
- Structural Health
- Monitoring
- Mechatronics and robotics
- Measurements and manufacturing systems
- Medicine and bioengineering
- Wind energy

Conference Venue

The conference will be held at the Mercure Hotel in The Hague, the Netherlands.
Address: Spui 180
2511 BW Den Haag
The Netherlands
Phone: +31 (0) 70 203 9002
Fax: +31 (0) 70 3639398

Submit your abstract!

The abstract should contain at least 300 words and clearly indicate the topic and innovation of the proposed paper. The abstract should be sent to: info@icast2014.nl in PDF format before May 8th, 2014.

Paper Submission

Papers should be submitted using the following instructions:

The maximum full paper length is 12 pages.

Full papers should be submitted during the conference from October 6 to October 8th, 2014.

The use of the provided templates (Word) is compulsory. Only PDF formats are accepted.