

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

Phone: +31 (0) 6 42 89 77 31
Email: info@icast2014.nl
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.



