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HELLENIC SOCIETY FOR THEORETICAL
AND APPLIED MECHANICS (HSTAM)

*Member of the International Union of Theoretical
and Applied Mechanics (IUTAM)*



TECHNICAL UNIVERSITY OF CRETE
Department of Production Engineering and
Management
*Institute of Computational Mechanics and
Optimization*

10th HSTAM INTERNATIONAL CONGRESS ON MECHANICS

Chania, Crete, GREECE

May 25-27, 2013



CALL FOR PAPERS

<http://www.10hstam.tuc.gr>

GENERAL

The Hellenic Society for Theoretical and Applied Mechanics in cooperation with the Technical University of Crete organizes the 10th HSTAM International Congress on Mechanics to be held in **Chania** from **25-27 May, 2013**.

The Hellenic Society for Theoretical and Applied Mechanics, a member of IUTAM, was founded in 1978 and has already successfully organized nine international congresses.

Technical University of Crete was founded in 1977 and is oriented towards innovative and modern engineering education and research.

Chania on the Island of Crete is a wonderful destination for tourists. The venue is the 5-star **Porto Platanias Beach Resort & Spa**, which is situated in Platanias village ca. 7 Km away from the city of Chania.

For more information about the Congress please visit the website <http://www.10hstam.tuc.gr>.

RESEARCH AREAS

- Mechanics of deformable solids (elasticity, plasticity, viscoelasticity, constitutive theories, contact mechanics)
- Structural mechanics (beams, frames, plates, shells)
- Structural dynamics and stability
- Fluid mechanics (fluid dynamics, hydraulics, aerodynamics)
- Theoretical mechanics and mathematical methods
- Computational mechanics and numerical methods
- Experimental mechanics and measurements
- Geomechanics, Biomechanics
- Dynamics and wave propagation
- Fracture, damage and defects in solids
- Micromechanics and nanotechnology
- Mechanics of materials (composites, polymers, ceramics, smart materials, geomaterials).

Scientists and engineers working in the above areas are invited to submit an abstract of about 300 words in English. The abstract should state clearly the purpose, procedure, results and conclusions of the full paper. Authors will be notified of preliminary acceptance within one month following the submission deadline. The final acceptance will be done on the basis of the full-length paper, which has to be written in English, after review by two experts, according to the regulations for publication of papers in well-known international journals.

A number of eminent scientists in selected areas will be invited to present key-note lectures and invited papers.

The official language of the Congress is **English**.

IMPORTANT DATES

- Submission of abstract (300 words) by **1 December 2012**.
- Preliminary acceptance based on abstract by **5 January 2013**.
- Submission of full paper by **28 February 2013**.
- Final acceptance by **15 March 2013**.

Submission of abstracts and final papers will be done only electronically via the Congress e-mail: 10hstam@dpem.tuc.gr.

CORRESPONDENCE

Prof. Georgios E. Stavroulakis

Technical University of Crete

Department of Production Engineering and Management

Institute of Computational Mechanics and Optimization

GR-73100, Chania, Greece

Tel: +30 2821037418, Fax: +30 28210 37486

Congress Secretariat: Maria Bakatsaki (M.Sc.)

Congress e-mail: 10hstam@dpem.tuc.gr

Congress website: <http://www.10hstam.tuc.gr>