

ICEM13 International Conference on Experimental Mechanics

Experimental Analysis
of Nano and Engineering
Materials and Structures

Alexandroupolis, Greece
July 1-6, 2007

<http://www.icem13.gr>



Under the auspices of
The European Association for Experimental
Mechanics (EURASEM)

Sponsored by
AFM, AIAS, BSSM, ESIS, JSEM, SEM

Chair: Emmanuel E. Gdoutos
egdoutos@civil.duth.gr

Vice Chair: Janice M. Barton
janice@ship.soton.ac.uk

Honorary Chair: Peter Stanley

General Information

The objective of the 13th International Conference on Experimental Mechanics is to promote world-wide cooperation among scientists and engineers concerned with experimental solid mechanics. The conference will focus in all aspects of experimental mechanics with emphasis given to mechanical characterization and testing at the micro and nano scale levels. It will comprise invited lectures together with contributed oral and poster presentations.

The language of the conference will be English.

Location

The conference will take place in the beautiful town of Alexandroupolis located in Thrace, which occupies the northeastern corner of Greece. Thrace has a unique scenic beauty with areas of historical interest and archeological importance. The nearby islands of Thasos and Samothrace offer ideal locations for pre or post

conference vacations. A full day excursion to Thasos will take place during the conference.

Previous ICEM conferences

ICEM 12, Bari, Italy, 2004
ICEM 11, Oxford, United Kingdom, 1998
ICEM 10, Lisbon, Portugal, 1994
ICEM 9, Copenhagen, Denmark, 1990
ICEM 8, Amsterdam, The Netherlands, 1986
ICEM 7, Haifa, Israel, 1982
ICEM 6, Munich, Germany, 1978
ICEM 5, Udine, Italy, 1974
ICEM 4, Cambridge, United Kingdom, 1970
ICEM 3, Berlin, Germany, 1966
ICEM 2, Paris, France, 1962
ICEM 1, Delft, The Netherlands, 1959

Conference Tracks

Track 1

Nanomaterials and Nanostructures

- Electronic packaging
- MEMS and NEMS
- Nanocomposites
- Nanodevices
- Nanoindentation
- Nanostuctured materials
- Thin films

Track 2

Engineering Materials and Structures

- Acoustic emission
- Acoustoelasticity
- Applications
- Applied photoelasticity
- Biologically inspired materials

- Composite materials
- Damage assessment
- Dynamic systems
- Fiber optic sensors
- Fracture and fatigue
- Hybrid techniques
- Impact mechanics
- Inverse problems
- Mechanical system reliability
- Mission synthesis
- Modal analysis
- Numerical solutions
- Optical methods
- Research in progress
- Smart materials and structures
- Speckle interferometry
- Strain gages
- Strains at hostile environments
- Structural integrity and health monitoring
- Structural testing
- Thermal problems
- Time dependent materials
- Transducers and sensors
- Wood

Scientific Advisory Board

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Important Dates

Submission of Abstracts: **September 2006**
 Notification of Acceptance/Rejection:
November 2006
 Submission of Full Paper: **January 2007**
 Notification of Acceptance/Rejection:
March, 2007

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neering Materials and Structures

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REGISTRATION FORM

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- I wish to receive subsequent information
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Authors:

Title:

Professor Emmanuel E. Gdoutos
ICEM13 Chairman
School of Engineering
Democritus University of Thrace
GR-671 00, Xanthi
GREECE
Tel: 30-25410-79651
Fax: 30-25410-79652
E-mail: egdoutos@civil.duth.gr

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