



ICM11

**International
conference
on the mechanical
behavior
of materials**

LAKE COMO
ITALY

JUNE 5 - 9
2011



Under the auspices of the
International congress
on the mechanical behaviour
of materials

Organized by
POLITECNICO DI MILANO



On behalf of the Organizing Committee of ICM11 it is my pleasure to welcome you to Villa Erba, Como, for the 11th International Conference on Mechanical Behavior of Materials (ICM11), June 5-9, 2011. The objectives of ICM11 are to foster research on the mechanical behavior of materials, to promote related international cooperation among scientists and engineers and to provide means for the public dissemination of the results from these efforts.

Villa Erba Conference Centre is a lovely place on Lake Como and June is the best period of the year to appreciate the beauty of the lake and the parks in and all around the conference centre. Como is less than one hour far from Milan, where you can visit many well known museums and monuments and where you can spend a nice time shopping in the "Town of Fashion".

I hope you will join us to meet you personally in Villa Erba!

Mario Guagliano
ICM11 Chairman | mario.guagliano@polimi.it



CALL FOR PAPERS

Authors wishing to contribute to the conference are invited to submit an abstract (see format in the ICM11 web page). Authors will receive notification of acceptance of their proposed contribution.

Author's instructions can be found on the home page:
www.icm11.org

TOPICS OF INTEREST

- Strain-stress of advanced materials
- Fatigue
- Fracture and fracture mechanics
- Dynamic fracture
- Creep and superplasticity
- Failure mechanisms and analysis
- Macro-, micro-, nano-mechanics
- Computational mechanics
- Multi-scale-modelling and simulations
- Environmental effects
- Corrosion
- Hydrogen embrittlement
- Macro- and micro-scale forming
- Surface modification technologies
- Material testing techniques
- Nano/bio materials
- Composites
- Ceramics
- Concrete
- Nano-structured polymers
- Polymer nano- composites
- Non destructive evaluation (NDE)
- Non destructive characterization (NDC)
- Life prediction
- Structural integrity assessment
- Reliability/risk-informed analysis
- Damage tolerance
- Welded joints
- Residual stresses
- Shape Memory Materials

CONFERENCE PROCEEDINGS

A Book of abstracts containing camera-ready abstracts of all accepted contributions will be available at the beginning of the conference. Instructions for authors will be available on the conference web page. The proceedings will be published by Elsevier within Procedia Engineering, which is cited in Scopus and in Ei.

SPECIAL ISSUES

Selected papers, after peer review, will be published on special issues of the following journals:

- *Engineering Fracture Mechanics*
- *International Journal of Mechanics and Materials in Design*
- *Multi-scale Modelling*
- *Structural Health and Damage Monitoring*
- *International Journal of Fatigue*

DEADLINES

Abstract submission: **September 30th, 2010**
Notification of abstract acceptance: **December 31st, 2010**
Submission of full paper: **February 28th, 2011**
Notification of paper acceptance: **March 31st, 2011**



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VENUE

Como is accessible from every part of the world thanks to the Malpensa Airport (just 30'). Como is less than one hour far from the centre of Milan, both by car and by train. Villa Erba is easily reachable from the centre of Como by bus or by ferry boat.

ACCOMODATION

A wide range of hotels is near the conference location and in the centre of Como city. More information is available on the conference home page (www.icm11.org).

ABOUT LAKE COMO

Lake Como is a wonderful place well known all over the world for its unique beauty. The lake is well-known for the attractive villas which have been built here from the Roman Empire time, surrounded by beautiful gardens with tropical as well as temperate plants.

Bellagio, Menaggio and Varenna are some small and smiling villages on the lake, famous for their historical treasures. The lake is the ideal location for water sports like sailing, windsurfing and kitesurfing.

SOCIAL PROGRAM

A rich social program is planned: more details can be found on the home page www.icm11.org

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REGISTRATION FEES

- Early registration (before March 31st, 2011): **650,00 €**
- Full registration (after March 31st, 2011): **750,00 €**
- Students: **300,00 €** (before March, 31st, 2011); **400,00 €** (after March 31st, 2011)
- Early and Full registration include: **coffee breaks, welcome reception, lunches and social dinner**
- Student registration includes: **coffee breaks, welcome reception, lunches**

VAT included in Registration Fee

CONFERENCE WEBSITE

www.icm11.org

CONFERENCE CHAIRMAN

Prof. MARIO GUAGLIANO
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CONFERENCE SECRETARIAT

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