



**THE 10th INTERNATIONAL CONFERENCE ON FRACTURE AND
DAMAGE MECHANICS – FDM 2011**
19 – 21 September, 2011
Dubrovnik, CROATIA

INVITATION:

The 10th INTERNATIONAL CONFERENCE ON FRACTURE AND DAMAGE MECHANICS (FDM2011) will take place in Dubrovnik, Croatia. The conference follows the success of previous meetings held in London, UK (1999), Milan, Italy (2001), Paderborn, Germany (2003), Mallroca, Spain (2005), Harbin, China (2006), Madeira, Portugal (2007), Seoul, Korea (2008), St. George, Malta (2009) and Nagasaki, Japan (2010).

The conference series has the support of the experts in the field of fracture and damage mechanics and has become established as a leading international forum for presentation latest research. The high quality researches presented at the previous meetings are archived in conference proceedings published in book form. In addition special issues in leading journals such as International Journal of Fracture, Engineering Fracture Mechanics and Key Engineering Materials have been devoted to the work presented at the meeting.

The proceedings on the 10th international conference will be published in the Journal of Key Engineering Materials and distributed to the delegates at the conference.

CONFERENCE CHAIRMEN:

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CONFERENCE TOPICS:

Fracture Mechanics
Fatigue
Failure Analysis
Corrosion
Creep
Non-linear Problems
Dynamic Fracture
Residual Stress
Environmental Effects
Crack Propagation
Repair Technique
Composite Materials
Ceramics & Polymers
Metallic Materials
Concrete
Probabilistic Aspects
Risk Analysis
Damage Tolerance
Fracture Control
Computational Methods
Microstructural & Micromechanical Modelling
Special sessions on:

- (1) Sustainable technology of structures including architecture and civil engineering field.
- (2) Diagnosis, Damage Evaluation, Rehabilitation, Repair, Strengthening, Durability Design technology of Structures.

AIMS:

The aim of the conference is to promote further international co-operation among Scientists and Engineers from different disciplines involved in the study of Fracture and Damage Mechanics.

The overall objective is to produce an integrated approach to problems of Fracture Failure, Fatigue and Safe Design.

The conference will discuss papers on any topics listed below and others related to the objectives of the meeting. The participants are encouraged to review critically existing ideas and to explore new research ideas.

