



NATIONAL TECHNICAL UNIVERSITY
OF ATHENS

Dear distinguished Colleague,

The next *IV European Conference on Computational Mechanics-ECCM IV, Solids, Structures and Coupled Problems in Engineering*, organized by ECCOMAS will take place in Paris, France, May 16-21 2010.

During this conference, we are organizing a mini symposium entitled:

Safe design of structures under Cyclic Loading

In view of your research activities and acknowledged reputation in this field, we have the pleasure to invite you to deliver an invited paper in our mini symposium. We would be very glad if you could accept this invitation. The topics of the symposium are briefly described in the following abstract.

Abstract

Safe design of structures under Cyclic Loading

The estimation of the response of civil and mechanical engineering structures and their loading limits under cyclic actions has been a major concern throughout the years. Most of these structures are made of concrete, masonry or steel or a mixture of these materials. Beyond the elastic limit, the constitutive laws of these materials are highly nonlinear ranging from brittle and softening to ductile and hardening. For each type of behaviour, various computational schemes have been proposed and are currently being applied.

The aim of this mini-symposium is to bring together scientists working in these fields focusing on the determination of limit loads as a precondition for safe design. Welcome are contributions of theoretical, analytical, numerical and experimental nature.

Your abstract should be submitted through the website of the Conference

<http://www.eccm2010.org/>

Important Dates

Nov. 20, 2009: Deadline for presenting an abstract

January 7, 2010: Notification of final decision on all contributions

February 4, 2010: Deadline for early payment

In the meanwhile, we would appreciate to send us an email stating your intention to submit an abstract for this invited mini symposium.

We look forward to meeting you in Paris,

Dieter Weichert

A handwritten signature in black ink, appearing to be 'D. Weichert', with a small dot to the right.

Professor
Institute of General Mechanics
Aachen University of Technology
e-mail :weichert@iam.rwth-aachen.de

Konstantinos V. Spiliopoulos

A handwritten signature in blue ink, appearing to be 'K. Spiliopoulos', with a horizontal line underneath.

Associate Professor
Institute of Structural Analysis & Aseismic
Research
National Technical University of Athens
e-mail: kvspilio@central.ntua.gr