

First Announcement

THE INTERNATIONAL CONFERENCE

NEW TRENDS IN CONTINUUM MECHANICS

Constantza, Romania, September 8-12, 2003

Organized by :

The Institute of Mathematics of the Romanian Academy , Bucharest
The "Ovidius" University of Constantza , Faculty of Mathematics
and Informatics

International Scientific Committee :

B.BACROIX (Université Paris-Nord, Institut Galilée, France), A.BALTOV (Institute of Mechanics of BAS, Sofia, Bulgaria), A.BLOKHIN (University of Novosibirsk, Institute of Mathematics Novosibirsk, Russia), A.BOURGEAT (Universite Lyon 1 - Equipe MCS, France), Y.CHASHECHKIN (Institute for Problems in Mechanics, Moscow, Russia), D.CIORANESCU (Université Paris 6, France), W.JAEGER (University of Heidelberg, Germany), G.MAUGIN (Université Paris 6, France), A.MOLINARI (Université de Metz, France), G.PANASENKO (Université de Saint Etienne, France), M.PANFILOV (Institut Polytechnique de Lorraine, France), Z.PERADZINSKI (University of Warsaw, IPPT-PAN, Poland), K.PIECHOR (IPPT-PAN, Warsaw, Poland), T.RATIU (EPFL, Lausanne, Switzerland), N.CRISTESCU (Romanian Academy, University of Florida, Gainesville, USA), L.DRAGOS (Romanian Academy), S.BALINT (University of Timisoara, Romania), S.CLEJA-TIGOIU (University of Bucharest, Romania), H.ENE (Institute of Mathematics Bucharest, University of Pitesti, Romania), C.FACIU (Institute of Mathematics, Bucharest, Romania), D.POLISEVSCHI (Institute of Mathematics, Bucharest, Romania), I.POP (University of Cluj, Romania), S.SBURLAN (University "Ovidius" Constantza, Romania)

Local Organizing Committee :

Mihaela Suliciu (chairman), Lori Badea, Anca Capatana, Marius Craciun, Cristian Faciu, Ionel Molnar, Gelu Pasa, Dan Polisevski, Silviu Sburlan, Ruxandra Stavre

Secretariat : e-mail : ntmconf@imar.ro

Main Topics :

Modelling in solid and fluid mechanics

Thermodynamics and heat transfer

Fracture mechanics and damage

Soil and rock mechanics

Non-Newtonian and electrorheological fluids

Optimal control problems

Problems in porous media

Shock waves and related topics

Phase transition and strain localization

Random materials and smart materials

Turbulence and related topics

Gasdynamic interactions

Computing methods in mechanics

A minisymposium on "Homogenization and applications to mechanics of continuous media"

Important dates :

Deadline for submission of abstracts: April 30, 2003

Notification on acceptance: July 10, 2003

Deadline for registration: May 30, 2003

Abstracts and presentations

Authors are invited to submit a 300-words abstract, with no long formulas, including the author(s) affiliation, address and e-mail address. Keywords (maximum five) and MSC classification are required. The abstract source file should be in standard LaTeX (document style "article") and should contain no own macros.

Abstracts and Registration forms should be sent by e-mail to the secretariat.

The scientific program will include 20-minutes presentations of the contributed papers followed by 5-minutes discussions.

The Conference language : English

The organizing committee is trying to get financial support in order to publish the Proceedings of the Conference.

General Information

The Conference will take place at the University "Ovidius", Constantza-Mamaia close to the Black Sea shore. The registration fee is 100 Euros. Accommodation is available at hotel PERLA - Mamaia at the following prices : 30 Euros in single rooms and 17 Euros in a double room (price per night and per person), full board at 15 Euros per day and per person. Accommodation in a student hostel at the price of 10 Euros per night and per person, will also be possible. Hotel PERLA and the student hostel are both located on the Black Sea shore and are at a comfortable 15 minutes walking distance from the conference building.

The organizing committee will be able to offer financial support for accommodation, full board or participation fee for a limited number of participants, each case being decided individually. No financial support for travel can be offered.

Further and updated information on the Conference will be available on the site of the Institute of Mathematics - Bucharest, at <http://www.imar.ro> and a Second Announcement will be sent at the end of June 2003.

Registration Form

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Title

Surname

Name

Affiliation

Address

E-mail, Fax

Title of the presentation

Expected arrival day

Expected departure day

Accommodation :

Hotel, between . . . and . . . (dates)

single room, double room,

Student hostel , between . . . and . . . (dates)

Support application :

accommodation

participation fee