



EUROGEN 2003

Evolutionary Methods
for Design, Optimisation
and Control with Applications
to Industrial Problems

Barcelona, September 15-17, 2003

Objectives

EUROGEN 2003 will be the second International Conference on Evolutionary Computing for Industrial Applications. Its scope is to bring together people from Universities, Research Institutes and Industries developing or using Evolutionary Methods. Special emphasis will be given to practical industrial and societal applications.

Conference Topics

- Genetic Algorithms (GA)
- Evolution Strategies (ES)
- Evolutionary Programming (EP)
- Evolutionary Methods (EM) for Multi-objective Optimization
- Constraint handling EM
- Hybridization Techniques
- Parallel and Distributed EM
- Multi-disciplinary EM Optimization

Main Applications Covered

Aeronautics; Turbomachinery;
Transport ; Manufacturing;
Environment; Electronics;
Electromagnetics; Energy;
Bioengineering & Medicine

Organizing Committee:

G. Bugada, Univ. Politècnica de Catalunya, Spain

J.-A. Désidéri, INRIA, Sophia-Antipolis, France

J. Periaux, Dassault Aviation, France

M. Schoenauer, INRIA, Rocquencourt, France

G. Winter, Universidad de Las Palmas de Gran Canaria, Spain

Important Dates

- Deadline for presenting a one page abstract: *15 January 2003*
- Acceptance of the paper and instructions: *15 February 2003* for writing a full paper
- Deadline for submitting the full paper: *1 June 2003*
- for early payment: *30 June 2003*
- Booking of hotel accommodation: *as soon as possible*

Conference Secretariat

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CAMAS/ECCOMAS/STC

Workshop on
Smart Materials and Structures -
SMART'03

Jadwisin near Warsaw, Poland

September 2-5, 2003

Objectives

The objectives of the Workshop SMART'03, directed to researchers and designers working in the field of mechatronics, are:

- to present the up-to-date state-of-the-art in the field of mechatronics
- to present the actual trends in this field
- to verify the academic viewpoint vs. industrial needs
- to search for potential, joint, academia-industry innovative initiatives.

Topics

The proposed thematic sessions are the following:

- Sensors and Structural Identification
- Active Materials and Actuators
- Structural Health Monitoring and Signal Processing
- MEMS and Structural Control
- Vibration Control
- Adaptive Crashworthiness
- Software Tools and Optimal Design
- Various Applications
- Demonstrators

Conference Chairmen

Jan Holnicki-Szulc, Institute of Fundamental Technological Research, Warsaw, Poland
Carlos A. Mota Soares, Instituto Superior Tecnico, Lisbon, Portugal

Time Table

Abstract due

December 1, 2002 (electronic file submission preferred)

Acceptance notification

March 1, 2003

Early registration

June 1, 2003

Workshop

September 2-5, 2003

Full papers will be collected in Jadwisin and published after the workshop (CD-ROM proceedings, free of charge for participants).

Secretariat:

Prof. Jan Holnicki-Szulc,
Co-Chairman
Dr. Przemyslaw Kolakowski,
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