

## **Call for Papers: EMODA'05: International Workshop on Evolutionary Multiobjective Optimization Design and Applications**

in conjunction with ISDA'05: Fifth International Conference on Intelligent System Design and Applications

September 08-10, 2005, Wroclaw, Poland

Conference web site: <http://emoda05.softcomputing.net>

## EMODA'05 SCOPE

The aim of this workshop is to bring together researchers working on the field of Multiobjective Optimization to discuss about their current and further work and to exchange research ideas in this field.

## SUBMISSION OF PAPERS

We invite you to submit a full paper of 6 pages (Letter or A4 format) for oral presentation including original and unpublished work that demonstrate current research in all areas of multiobjective optimization (algorithms and applications).

Submitted papers have to be original, containing new and interesting results. The proceedings of the Conference and Workshop will be published by IEEE

Computer Society Press. Submission implies the willingness of at least one of the authors to register (for ISDA'05 conference) and present the paper. Authors should submit the electronic version of their papers using upload center of the conference web-site, delivering also information that the paper should be considered for EMODA'05 workshop.

All papers will be peer reviewed by at least three independent referees of the international program committee of EMODA'05.

## EMODA TOPICS

Topics include, but are not limited to:

Theoretical developments:

- Swarm Intelligence for Multiobjective Optimization
- Multiobjective Evolvable Hardware
- Comparative studies of MOEAs
- New Algorithms for Multiobjective Optimization

- Test Data for Multiobjective Optimization Algorithms
- Performance Measures for Multiobjective Optimization Algorithms
- Hybrid MOEAs

#### Real world applications of MOEAs

- Image and Signal Processing
- Control and Automation
- Bioinformatics
- Data Mining
- E-commerce applications
- Internet Modeling, Communication and Networking
- Decision Support Systems
- Information Retrieval
- Virtual Reality
- Other Engineering Applications

#### IMPORTANT DATES

Deadline for Workshop/Tutorial Proposals : March 30,2005

Deadline for Paper Submission (full paper):March 30,2005

Notification of Acceptance: May 16, 2005

Deadline for Camera Ready Papers/registration:June 01, 2005

#### CONFERENCE COMMITTEES

##### Workshop Chairs

\* Crina Grosan, Babes-Bolyai University, Cluj-Napoca,Romania

\* Ajith Abraham, Chung-Ang University, Korea

##### PROGRAM COMMITTEE

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