

# ICMSAO'05

## FIRST INTERNATIONAL CONFERENCE ON MODELING, SIMULATION, AND APPLIED OPTIMIZATION

February 1 – 3, 2005

American University of Sharjah, Sharjah, United Arab Emirates

### Call for Papers



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#### Registration Fee

Early (by Dec. 30)	\$300
On-Site	\$325
Students	\$140

The ICMSAO'05 will provide a forum where engineers, scientists, and mathematicians from academia and industry can meet to share ideas of latest research work in all branches of Science and Engineering involving the modeling and simulation of processes and systems. The conference will be held on February 1 – 3, 2005 at the American University of Sharjah, Sharjah, UAE. Sharjah is 20 minutes from Dubai which is the home of the Dubai Shopping Festival, the largest in the gulf area that will be organized at the same time as the conference.

Prospective authors are invited to submit abstracts on topics related to, but not limited to, the following topics:

- Statistical and probabilistic Modeling
- Modeling and identification
- Industrial Mathematics
- Optimal Control
- Structural Optimization
- Applications of Optimization
- Simulation Tools and Languages
- Communications and Networking
- Neural Networks and Fuzzy logic
- Manufacturing
- Medical and Bioengineering
- Coding and Cryptography
- Numerical methods
- Modeling and Control in Smart Materials
- Optimization Theory
- Optimization Algorithms
- Stochastic Optimization
- Web-based Simulation
- Power Systems
- Artificial Intelligence
- Robotics
- Mechatronics

A number of leading researchers in the field of simulation, modeling, and optimization will be invited to deliver keynote lectures.

Prospective authors should submit a 300-word Abstract through the conference [website](#). The Abstract should clearly state the objectives, results and conclusions of the work undertaken and emphasize the novel aspects of the work. Contact information and affiliation of the corresponding author must be included.

Papers presented at the conference will be published in the conference proceedings. A six-page camera-ready manuscript of accepted papers should be submitted by the deadline mentioned below. Selected papers will be published in a special issue of *The Journal of Franklin Institute*.

Proposals for half-day (3-hour) tutorials are solicited in areas related to the conference scope. Proposals should include the topic, expected background of participants, objectives, a short summary, and qualifications of the instructor(s).

#### IMPORTANT DATES

Deadline for Abstracts: .....	15 September, 2004
Submission of tutorial proposal:.....	30 August, 2004
Notification of acceptance:.....	30 September, 2004
Submission of six-page camera-ready manuscripts:.....	30 November, 2004
Early Registration before:.....	30 December, 2004
Submission of selected papers to Journal of the Franklin Institute: .....	15 May, 2005

ICMSAO'05 is organized jointly with the Fifth International Conference on Composite Science and Technology (ICCST/5) that will be held at the same time and venue as ICMSAO'05. **One registration fee covers both conferences.**

**FOR FURTHER INFORMATION, CHECK THE CONFERENCE WEBSITE AT**  
<http://www.ausharjah.edu/media/icmsao/>