



**FOURTH INTERNATIONAL CONFERENCE ON  
MODELING, SIMULATION AND APPLIED OPTIMIZATION**

JOINTLY ORGANISED BY UNIVERSITI TEKNOLOGI MALAYSIA AND  
AMERICAN UNIVERSITY OF SHARJAH

19 - 21 April, 2011  
Kuala Lumpur, Malaysia



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The International Conference on Modeling, Simulation and Applied Optimization (ICMSAO-2011) is the fourth of the series of conferences and provides an international forum for presentations and discussion of research in all areas of science and engineering involving the modeling and simulation of processes and systems. The first conference was held at the American University of Sharjah (UAE) in 2005, the second was held at the Petroleum Institute in Abu Dhabi (UAE) in 2007, and the third was held again at American University of Sharjah in 2009. The ICMSAO-2011 will feature contributed as well as invited papers concerned with the modeling, simulation and applied optimization fields. The conference also includes BEST PAPER AWARD given for papers presented at the conference. The topics will include, but are not limited to:

- Track 1: Artificial Intelligence, Neural Network & Fuzzy Systems
- Track 2: Engineering Systems Management
- Track 3: Biomedical Engineering
- Track 4: Environmental Science & Engineering
- Track 5: Chemical & Bioprocess Engineering
- Track 6: Mechanical Engineering
- Track 7: Civil Engineering
- Track 8: Numerical Analysis/Methods
- Track 9: Coding and Cryptography
- Track 10: Petroleum Engineering
- Track 11: Communications and Networking
- Track 12: Control Engineering
- Track 13: Computer Engineering
- Track 14: Applied Mathematics
- Track 15: Economics
- Track 16: Electrical & Electronics Engineering
- Track 17: Statistics & Probability

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

**SUBMISSION PROCEDURES**

Authors are invited to electronically submit (PDF only) full paper, including the title, author name(s) and affiliation(s), as well as the mailing address, telephone, fax, and email of the principal author, before OCTOBER 30th, 2010. The paper should clearly state the objectives, methodology, results and conclusion of the work undertaken and emphasize the novel aspects of the work.

Papers presented at the conference will be published in the conference proceedings. Maximum paper length for the proceedings is six pages, with up to two additional pages with page charges (6+2). Additional pages will be charged at USD30 per page. This may include figures, tables and references. The paper must be written in English. Faxed submissions are not acceptable. (See Instructions to Authors at: <http://webkl.utm.my/icmsao2011/>).

**IMPORTANT DATES**

Deadline for submission:	<b>30 OCTOBER 2010</b>
Notification of acceptance:	<b>30 DECEMBER 2010</b>
Submission of camera ready manuscripts and Author Registration:	<b>28 FEBRUARY 2011</b>

For further information, check the conference website at <http://webkl.utm.my/icmsao2011/> or contact the conference organizer at: [icmsao11@ic.utm.my](mailto:icmsao11@ic.utm.my)

**Registration fees:**

REGULAR : USD 450 (Early bird before 30 January 2011: USD 400)  
STUDENT : USD 250 (Early bird before 30 January 2011: USD 200)