

Proceedings

Asia Modelling Symposium

AMS 2008

Proceedings

Second Asia International Conference on Modelling and Simulation

*Kuala Lumpur, Malaysia
13 – 15 May 2008*



Los Alamitos, California
Washington • Tokyo



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IEEE Computer Society Order Number P3136
BMS Part Number CFP0809C-PRT
ISBN 978-0-7695-3136-6

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Welcome Message from the Chairs

We are very pleased to welcome our colleagues from Asia and other parts of the world to the Second Asia International Conference on Modelling and Simulation, the Asia Modelling Symposium 2008, held in Kuala Lumpur, Malaysia. The conference Program Committee has organized an exciting and balanced program comprising presentations from distinguished experts in the field, and important and wide-ranging contributions on state-of-the-art research that provides new insights into the latest innovations in the modelling and simulation of intelligent systems. The second such event in this region, and follows in the foot steps of the first held jointly with the 11th Thai Annual National Symposium for Computational Science and Engineering, ANSCSE-11, in March 2007 at the Prince of Songkla University campus in Phuket. We are hopeful that its outstanding technical content contributed by leading researchers in the field from Asia and worldwide will ensure its continued success. No plans have yet been finalized for the location of next year's event, but it would be appropriate to choose another interesting location in another neighboring country.

The main themes addressed by this conference are:

- Energy, Power Generation and Distribution
- Agents and simulation
- Internet Modelling, Semantic Web and Ontologies
- Parallel and Distributed Architectures and Systmes
- Performance Engineering of Computer and Communication Systems
- Visualisation and Computer Games
- Intelligent Systems
- Hybrid Soft Computing
- Transport, Logistics, Harbor, Shipping and Marine Simulation
- Industry, Business and Management
- Methodologies and Tools/ OR
- Bioinformatics and Biomedical Simulation
- Circuits, Sensors and Devices

AMS 2008 is technically sponsored by IEEE Computer Society (UK and RI), UK Simulation Society, Asia Modelling and Simulation Society (AMSS), European Simulation council (EUROSIM), European Conference for Modelling and Simulation (ECMS), University of Technology, Malaysia (UTM), National University of Singapore, Nanyang Technological University, Singapore, Norway University of Science and Technology, and Nottingham Trent University, UK. AMS2008 proved to be very popular and received submissions far in excess of expectation from over 40 countries. The conference program committee had a very challenging task of choosing high quality submissions. Each paper was peer reviewed by several independent referees of the program committee and, based on the recommendation of the reviewers, 181 papers were finally accepted. The papers offer stimulating insights into emerging modelling and simulation techniques for intelligent systems or employing intelligent methodologies. We express our sincere thanks to the plenary speakers, authors, track chairs, Program Committee members, and additional reviewers who have made this conference a success. Finally, we hope that you will find the conference to be a valuable resource in your professional, research, and educational activities whether you are a student, academic, researcher, or a practicing professional. Enjoy!

David Al-Dabass, Steve Turner, Gary Tan, Ajith Abraham
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