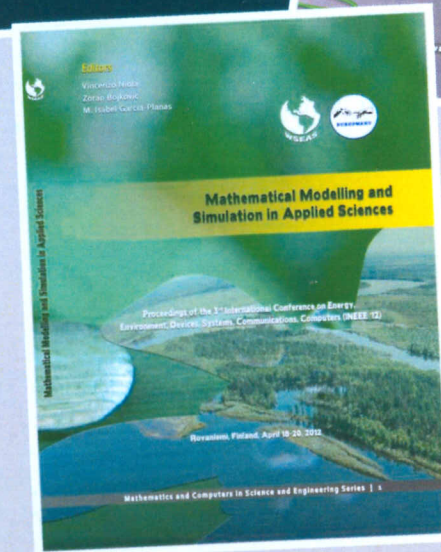


Conference Program



World Scientific and Engineering Academy and Society



Rovaniemi, Finland
April 18-20, 2012

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Important Notes:

- (1) You may register at any time during the conference.
- (2) The Invoice of payment can be collected at the registration desk at any time.
- (3) The Certificate of Participation can be collected at the registration desk only after your presentation.
- (4) Session chairmen can ask for a special Certificate at the registration desk after the session
- (5) The duration of a presentation slot is 20 minutes for a regular paper and 45 minutes for a plenary speech, including questions.
- (6) All authors should give their biographies to the chairmen before the beginning of the session.
- (7) Authors can upload their presentations to the available computers 10 minutes before the beginning of their session.

11th WSEAS International Conference on Applied Computer and Applied Computational Science (ACACOS '12)

11th WSEAS International Conference on Instrumentation, Measurement, Circuits and Systems (IMCAS '12)

12th WSEAS International Conference on Robotics, Control and Manufacturing Technology (ROCOM '12)

12th WSEAS International Conference on Multimedia Systems & Signal Processing (MUSP '12)

3rd International Conference on Energy, Environment, Devices, Systems, Communications, Computers (INEEE '12)



**Rovaniemi, Finland
April 18-20, 2012**

Friday April 20th 2012

Conference Room: A

Time: 09:00-11:30

ACACOS Session: E-Learning and Web-based Learning

Chair: Mohammed Alawairdhi, Sylvia Encheva

A Top Down Approach for Designing an E-learning Pattern Language Based on IMS-LD Specification	Maysoon Aldekhail, Alaa Eldeen Sayed Ahmed, Mohammed Alawairdhi, Azeddine Chikh	6751-047
Success and Failure of IT Projects: A Study in Saudi Arabia	Fahad Alfaadel, Mohammed Alawairdhi, Mahran Al-Zyoud	6751-051
Closure Lattices for Avoiding Overtesting of Students	Sylvia Encheva	6751-191
Ranking Reusable Learning Objects with Rough Sets Based Methods	Sylvia Encheva	6751-195
Logical Implications	Sylvia Encheva	6751-199
Teachers' and Students' Feedback Concerning the Use of ICT Tools in Learning Science through Nanotechnology	Laura Monica Gorghiu, Gabriel Gorghiu	6751-183
An Adaptive E-Learning System Based on Intelligent Agents	Hua-Lin Tsai, Chi-Jen Lee, Wen-Hsi Lydia Hsu, Yu-Hsin Chang	6751-131
Using Moodle to Build an E-Learning Platform for the After-class Learning Activities of Taiwanese Language	Hua-Lin Tsai, Rong-Jyue Fang, Chi-Jen Lee, Yung-Sheng Chang	6751-135

Friday April 20th 2012

Conference Room: B

Time: 09:00-11:30

INEEE Session: Simulation and Modelling

Chair: Rauno Pirinen, Jelena Sulojeva

FACTS Devices Installation via Stability Index Tracing and Blended Crossover Continuous Ant Colony Optimization	Z. Hamid, I. Musirin, M. N. A. Rahim	6755-079
Safe Maintenance – Saving Money for Employers	Harangus Victoria, Carmen Harau	6755-136
Evaluating the Safety Risk in Relation to the O.H.S. Management Specific to Work Systems	Victoria Harangus, Gabriel Vasilescu, Angelica Draghici, Teodor Heput	6755-118
Regional Development: Four Perspectives of Interactions of Research and Development in University of Applied Sciences	Rauno Pirinen	6755-019
Redundant Multichannel Public Safety Communication Network for Public Protection and Disaster Relief (PPDR) Organizations	Jyri Rajamaki	6755-028
The Flow Visualization In Freezer Evaporator	Tugba Saricay, L. Berrin Erbay	6755-006
Economic Trends in the Provision of Labor Safety and Health Protection in the Industries of Latvia	Aleksandrs Grigorjevs, Valentina Urbane, Jelena Sulojeva	6755-052
Using Outcomes-Based Education as a Strategy for Improving the Academic Achievement of Senior Engineering Students	Arthur James Swart	6755-004

Coffee Break: 11:30-12:00