FINAL PROGRAM





3-5 February 2014

Arab Open University

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NOTES

MESM'2014 – GAMEON-ARABIA'2014 FINAL PROGRAMME

Overhead and LCD Projector are standard

The underlined authors are usually the presenters.

Conference Site: Arab Open University, Faculty of Computer Studies— Muscat, Oman For any local information contact P.C.Sherimon: Mob Tel. ++968- 92324126, Email: sherimon@aou.edu.om University Tel: +968 24699444 website: http://www.aou.edu.om

Only papers in gray boxes are eligible for the best paper award

Monday, February 3, 2014

09.15 - 15.00 **Registration and Coffee break (9.30 – 9.45)**

09.45 - 10.30 **Welcome**

Welcome Address

Dr. Moosa Al Kindi, AOU, Muscat, Oman

Welcome Speech

Professor Dr. Marwan Al-Akaidi, AOU, Safat, Kuwait

Et al...

10.30 - 11.30 **Session I**

KEYNOTE

10.30-11.30 Session Chairperson:

Professor Dr. Marwan Al-Akaidi, AOU, Safat, Kuwait

MESM KEY

Utilizing Simulation for a More Sustainable Production

Björn Johansson, Chalmers University of Technology, Göteborg, Sweden

Monday, February 3, 2014

11.30 - 12.30	Session II			
	NETWORK SIMULATION			
11.30-12.30	Session Chairperson: Dr. Reshmy Krishnan, Muscat College, Muscat, Oman			
	MESM_NET_02 Adaptive Bandwidth Reservation Technique using Cross-Layer Approach for Mobile Ad-Hoc Networks			
	Robin Rohit Vincent and Ramraj Easwaran47			
	MESM_NET_01 Cross Protocol SIP/RTP Intrusion Detection and Prevention Systems Recommendation & Prototype Implementation Tauqueer Safdar and Fatima Al-Abri			
12.30 - 13.30	Lunch Break			
13.30 - 14.30	Session III			
	ELECTRONICS SIMULATION			
13.30-14.30	Session Chairperson: Dr.N.Girija, Higher College of Technology, Muscat, Oman			
	MESM_COMPLEX_01 A Comparative Study between Fat Tree and Mesh Network on Chip Interconnection Architectures Azeddien M. Sllame and Amani Hasan Abdelkader			
	MESM_METH_02 VHDL Prototyping of a 5-Stages Pipelined RISC Processor for Educational Purposes Safaa S. Omran and Hadeel Sh. Mahmood			

Monday, February 3, 2014

14.30 - 15.00	Coffee/Tea Break
15.00 - 17.00	Session IV
	ENGINEERING SIMULATION
15.00-17.00	Session Chairperson: Dr. Nafeer Jaber, German University of Technology, Muscat, Oman
	MESM_LOGIS_02 An Agent Based Freight Activities and Logistic Chains Optimized Network Simulator (FALCONS) Omar Abed, Davy Janssens, Geert Wets, Gerrit K. Janssens and Tom Bellemans
	MESM_ENGIN_01 Modelling and Simulation of Electric Vehicles M.Gheamalinga, R.Puhalschi, B.Mihalescu, Al.Ganziuc and C.Vasiliu
	MESM_ENGIN_02 Simulation and Tuning a Digital Servomechanism Alexandru Ganziuc, Mina Gheamaligna, Szilard Feher, Radu Puhalschi and Daniela Vasiliu84
	MESM_GEN_01 Modelling, Simulation and Optimization of Hydropower Plants Cascade by Genetic Algorithms Vlad Florin Piraianu, Nicolae Vasiliu and Gheorghe Iana90
17.00 -	FREE EVENING

Tuesday, February 4, 2014

10.00 - 14.00	Registration
10.00 - 10.30	Coffee/Tea Break
10.30 - 12.30	Session V
	DECISION SUPPORT SYSTEMS
10.30-12.30-	Session Chairperson: Dr.Huda Al Suhaili, Higher College of Technology, Muscat, Oman
	MESM_METH_01 A Typology of Stakeholder Identification Methods for Projects in Software Industry Smiju Sudevan, M.Bhasi and K.V.Pramod
	MESM_AGENT_01 AQUASCOPE: An Online Based Distributed Water Quality Analysis Methodology using Agents N.R.Wilfred Blessing and Shajulin Benedict
	MESM_BIO_01 Implementation of Intelligent Computerized System Medical Diagnostic and Treatment for Diabetes using VPN Bashar S. Bashar and Raaed K. Ibrahim
	MESM_AGENT_03 Modelling Virtual Graduation Projects Coordinator: From Object Oriented to Agent Oriented Al-Hanouf Al-Dayel, Ashwag Al-Swayah, Buthina Al-Dhafian, Ghada Al-Hudhud and Abir Benabid Najjar19

12.30 - 13.30 **Lunch Break**

Tuesday, February 4, 2014

13.30 - 14.30	Session VI						
VIDEO TECHNOLOGY							
13.30-14.30	Session Chairperson: Dr. Fatima Al-Abri, Higher College of Technology, Muscat, Oman						
	MESM_N_01 Adaptive Unequal Error Protection to Enhance Multicast Live Video Streaming Ali Zanbouri, Marwan Al-Akaidi and Shakeel Ahmad						
	MESM_N_02 Linear Discriminant Classifier Ensemble for Face Recognition H. A. Khan, Marwan Al-Akaidi and Raja Waseem Anwar						
14.30 - 15.00	Coffee/Tea Break						
15.00 - 16.30	Session VII						
	GAMING AND E-LEARNING						
15.00-16.30	Session Chairperson: Dr. Joseph Mani, Modern College, Muscat, Oman						
	GAMEON_AR_01 A Framework for Adaptivity in Educational Serious Games based on Agent Systems Ahmed Elsherbiny Hasan, Damir Ismailovic and Bernd Brügge						
	GAMEON_AR_02 Multi-Agent Software Engineering (MaSe) and Agile Methodology for Game Development Rula Al-Azawi, Khalfan Abdullah Al-Masruri, Aladdin Ayesh and Ian Kenny						

Tuesday, February 4, 2014

FUZ_01

Learning, Updating and Semantic Fuzzy Retrieval of Learner Profile

in E-learning Environment

T.Sheeba and Reshmy Krishnan

16.30 - 16.45 **Session VIII**

CLOSING SESSION

16.30-16.45- Session Chairperson:

Professor Dr. Marwan Al-Akaidi, AOU, Safat, Kuwait

Best Paper Award Ceremony and closing statements

19.00 - 22.00 CONFERENCE DINNER

More info at the conference on location and meeting place

Wednesday, February 5, 2014

CONFERENCE VISIT

08.00 - 13.00 A Guided tour of Muscat visiting:

- 1. The Grand Mosque
- 2. The Opera House
- 3. and Muttra Souk (Traditional Souk in Oman)

SEE YOU NEXT YEAR

AT MESM 2015- GAMEON-ARABIA'2015 AOU -Kuwait (dates to be confirmed)

ALL SESSION CHAIRPERSONS IN THIS PROGRAM ARE PROVISIONAL

Session Chairs are chosen on a voluntary basis by proposals by either authors or local committee members or are appointed by the Track Chairs, General Program Chair or General Conference Chair. They are responsible for their assigned session. They make sure their speakers are available, take care of the timing within the session, chair the discussion after each presentation and introduce each speaker based on the CV's given to them by the authors. If a session chair is not available then the first author takes on the responsibility to chair

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eurosis

EUROSIS was borne out of discussions with the European Community to set up a new kind of Society, which would be project-driven instead of driven by pure membership and conferences.

The aim of the Society is to set up topic related Technical Committees which will link directly to European Projects in the field of computer simulation and related areas and to act as a knowledge pool for future European Networks of Excellence, like MOSAIC.

If you would like to receive more information about EUROSIS, please contact

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CONFERENCE LOCATION MUSCAT



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A VISA at the airport costs 5 OMR for a 10 day visit. See the following website for more information

http://www.omanairports.com/visaonarivals.asp

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