



Athens Institute for Education and Research
A World Association of Academics & Researchers



9th Annual International Conference on Information Technology & Computer Science, 20-23 May 2013, Athens, Greece

Organized by the Computer Research Unit

Conference Venue: Titania Hotel, 52 Panepistimiou Street, 106 78 Athens, Greece

Monday 20 May 2013

09:00-09:30 Registration

09:30-10:00 Welcome and Opening Remarks

- Dr. Gregory T. Papanikos, President, ATINER.
- Dr. Panagiotis Petratos, Vice-President of ICT, ATINER & Associate Professor of Computer Information Systems, California State University, Stanislaus, USA.

10:00-11:30 Session I: Computer Modelling and Computer Science Theory I

Chair: Panos Petratos, Vice-President ICT, ATINER & Associate Professor of Computer Information Systems, California State University, Stanislaus, USA.

1. Son Pham, Professor, California State University at Northridge, USA & Thu Pham, Senior Consultant, Teradata Inc, USA. Dynamic External Merger Sort for Partial Group-by in Optimization.
2. Shirish C. Srivastava, Associate Professor, HEC Paris, France & Shalini Chandra, Nanyang Technological University, Singapore. Workplace Collaboration in Virtual Worlds: The Role of Social Presence and Individual User Characteristics.
3. Pedro G. Guillen, Researcher, University Politecnica of Madrid, Spain. Topological Proof of the Computability of the Algorithm based on the the Morphosyntactic Distance.
4. Phongphan Danphitsanuphan, Lecturer, King Mongkut's University, Thailand. Automatic IP-Address Configuration Converting for Public Network.

11:30 -13:00 Session II: Health Informatics

Chair: Rodrigo Rocha Oliveira, Federal Institute Science and Technology of Mato Grosso, Brazil.

1. Mohamed Audi, Student, Zagazig University, Egypt, Abdel-Badeeh Salem, Professor, Ain Shams University, Egypt & Rania Hodhod, Professor, Ain Shams University, Egypt. An AI Approach to Transform the E-Patient Records into Clinical Cases.
2. Dovile Karaliene, PhD Student, Kaunas University of Technology, Lithuania, Zenonas Navickas, Professor, Kaunas University of Technology, Lithuania & Agne Slapsinskaite, Master's Student, Lithuanian University of Health Sciences. A Mathematical Information Algorithm for the Analysis of ECG Complexity.
3. Rodrigo Rocha Oliveira, Professor, Federal Institute Science and Technology of Mato Grosso, Brazil & Jose Ivo Oliveira, Professor and Researcher, Federal Institute Science and Technology of Mato Grosso, Brazil. The Use of Scalar Vector Graphics - SVG Pattern in the Human Ear Biometrics.

13:00-14:00 Lunch

14:00-15:30 Session III: Network Information Systems**Chair:** Francis Francis, Associate Professor, Notre Dame University-Louaize, Lebanon.

1. Dong Yoon Ka, Master Student, Sungkyunkwan University, South Korea. Adaptive Multicast to Unicast Transmission in Wireless LAN.
2. Shariq Haseeb, Researcher, MIMOS Berhad, Malaysia, Hasbullah Mazlan, Mohammed Abobakr Ahmed Balfaqih, Siti Norhaizum Mohamad Hasnan, & Muhammad Faheem Mohd Ezani, MIMOS Berhad, Malaysia. Latency Evaluations and Reduction Techniques in Authentication Phase of Centralized WLAN Hotspot Networks.
3. Panagiotis Petratos, Associate Professor, Department of Computer Information Systems, California State University, Stanislaus, USA. Online Education Trends from Current Teaching and Learning Experiences of Information Systems.

15:30-17:00 Session IV: Management Strategies of Information I**Chair:** Amanda Peart, Senior Lecturer, University of Portsmouth, UK

1. Sungjae Cho, Master Student, Sungkyunkwan University, South Korea. Edge-Detected Conditional Bilateral Filtering Algorithm.
2. Alexandre Petrenko, Lead Researcher, CRIM, Canada & Nina Yevtushenko, Professor, Tomsk State University, Russia. Generating Adaptive Tests for Nondeterministic Systems Modelled by FSM.
3. Doha Elsharief, Assistant Professor, University of Khartoum, Sudan. Multi-Level Mobile Cache Consistency Scheme Based on Application Requirements.
4. Hajar Mozaffar, PhD Candidate, The University of Edinburgh, Business School, UK. Inter-Organizational Technology Knowledge Exchange: Beyond Communities of Practice.

21:00-23:00 Greek Night and Dinner (Details during registration)**Tuesday 21 May 2013****09:00-10:30 Session V: Information Assurance & Networks****Chair:** Doha Elsharief, Assistant Professor, University of Khartoum, Sudan

1. Penny Ross, Senior Lecturer, University of Portsmouth, UK & Amanda Peart, Lecturer, University of Portsmouth, UK. Use of Honey Tokens in Database Security.
2. Amanda Peart, Senior Lecturer, University of Portsmouth, UK & Mo Adda, Principal Lecturer, University of Portsmouth, UK. Quality of Service in WiMAX: Real World Aspects of Social & Environmental Influences on Mobility.
3. Emmanuel Babatunde Ajala, Ph.D. Student, Tshwane University of Technology, South Africa, Olu Olugbara, Lecturer, Durban University of Technology, South Africa & Sunday Ojo, Executive Dean, Tshwane University of Technology, South Africa. A Conceptual Framework for Information Society Measurement.

10:30-12:00 Session VI: Management Strategies of Information II**Chair:** Roger Crawfis, Professor, The Ohio State University, USA.

1. Francesca Di Virgilio, Assistant Professor, University of Molise, Italy & Loredana Di Pietro, Assistant Professor, University of Molise, Italy. Tourist's Group Knowledge Representation and the Role of Ewom for the Choice of Tourist Destination.
2. Francis Francis, Associate Professor, Notre Dame University-Louaize, Lebanon. Designing E-Learning Process.
3. Athanasios Paraskelidis, Lecturer, University of Portsmouth, UK, Adda Mo, Principal Lecturer, University of Portsmouth, UK & Manana Dewage, Thilina P.R., Professor, University of Portsmouth, UK. Evaluating the Energy Efficiency of Modern VoIP Applications.

12:00-13:00 Session VII: Computer Modelling and Computer Science Theory II

Chair: Athanasios Paraskelidis, Lecturer, University of Portsmouth, UK

1. Zbigniew J Gackowski, Professor, California State University Stanislaus, USA. From User- to Purpose-Driven IS Development.
2. Igor Gurevich, Senior Lecturer, IPI RAS, Russia. Information Laws (Informatics Laws) of Nature.

13:00-14:00 Lunch

14:00-15:00 Session VIII: Management Strategies of Information, Computer Modelling and Computer Science Theory

Chair: Haim Mendelson, Professor, Standford University, USA.

1. Mihail Mateev, Assistant Professor, UACEG Sofia, Bulgaria. Seismic Analysis Using Cloud Computing (Windows Azure).
2. Roger Crawfis, Professor, The Ohio State University, USA. Towards Effective Visualizations and Fun Procedural Content.

17:30-20:30 Urban Walk (Details during registration)

21:00- 22:00 Dinner (Details during registration)

Wednesday 22 May 2013

Cruise: (Details during registration)

Thursday 23 May 2013

Delphi Visit: (Details during registration)