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

11th Annual International Conference on Information Technology & Computer Science, 18-21 May 2015, Athens, Greece
Organized by the Computer Research Unit

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

Monday 18 May 2015
(all sessions include 10 minutes break)

07:30-08:30 Registration and Refreshments

08:30-09:00 (ROOM C) Welcome & Opening Remarks

- Dr. Gregory T. Papanikos, President, ATINER & Honorary Professor, University of Stirling, UK.
- Dr. George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.
- Dr. Alexander Makedon, Head, Education Research Unit, ATINER & Professor of Philosophy of Education, Arellano University, Philippines.

09:00-11:00 Session I (ROOM D): Education and IT*

Chair: George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.

1. Carsten Lecon, Professor, Aalen University, Germany. E-Tutorials as an Addition to Higher Education Learning Scenarios.
2. Namdar Mogharreban, Associate Professor, Southern Illinois University, USA. Selection and Ranking of Learning Variables for Creation of Learning Objects.
3. Joeran Pieper, Research Fellow, Ph.D. Student, IACS / FB ETI, University of Applied Sciences Stralsund, Germany. Exploring the Essence of Software Engineering in Academic Education – An Integrated Game-Based Approach.
4. Roger Hill, Professor, University of Georgia, USA. Robotics Curriculum for Integrated STEM Instruction.

Jointly organized with the Education Research Unit of ATINER

11:00-12:30 Session II (ROOM D): Online and Distance Education and Other Issues I*

Chair: Christina Zarcadoolas, Professor, City University of New York, USA.

1. Gang Chen, Deputy Director, Shanghai Jiaotong University, China & Ruimin Shen, Director, Shanghai Jiaotong University, China. Thinking about MOOCs.
2. Nize Maria Campos Pellanda, Professor, Universidade de Santa Cruz do Sul, Brazil. The Technical Object as a Cognition / Subjectivity Tool.
3. Francisco Javier Delgado Cepeda, Professor, Instituto Tecnologico de Monterrey, Mexico, Ruben Dario Santiago-Acosta & Lourdes Quezada-Batalla. Widget Based Learning in Math and Physics Undergraduate Courses as Blended Learning Approach.
4. Mary Ellis, Senior Lecturer, National Institute of Education, Singapore & Anitha Devi Pillai, Lecturer, National Institute of Education, Singapore. The Information Seeking Behaviour of Academic Discourse Skills (ALS) Students and Effect on Student Research Papers.

Jointly organized with the Education Research Unit of ATINER

12:30-14:00 Session III (ROOM D): Online and Distance Education and Other Issues II*

Chair: Francisco Javier Delgado Cepeda, Professor, Instituto Tecnologico de Monterrey, Mexico

1. Kamini Jaipal-Jamani, Associate Professor, Brock University, Canada & Candace Figg, Associate Professor, Brock University, Canada. A Study of Gamification as an Instructional Strategy to develop Pre-service Teachers' Knowledge of Technology-enhanced Teaching.
2. Maria de Fatima Goulao, Assistant Professor, Universidade Aberta, Portugal. The e-Activities to Support the Process of Teaching and Learning in Online Context.
3. Vessela Ilieva, Associate Professor, Utah Valley University, USA. A Model for Teaching Mathematics through Robotics Activities in Elementary School.

Jointly organized with the Education Research Unit of ATINER

14:00-15:00 Lunch

15:00-16:30 Session IV (ROOM D): Scientific Computing & Smart Technologies I*

Chair: Kamini Jaipal-Jamani, Associate Professor, Brock University, Canada

1. Stepan Bilan, Professor, State Economy and Technology University of Transport, Ukraine, Mykola Bilan, Head of Control and Dispatch Center, "Transnistrian Radio and Television Center" OJSC, Moldova & Sergii Bilan, Technical Lead, Win-Interactive LLC, Ukraine. Application of Methods of Organization of Cellular Automata to Implement Devices of Forming Pseudorandom Sequences.
2. Constantinos Sourkounis, Head of EneSys Institute, Ruhr-University Bochum, Germany & Philip Dost, Scientific Assistant, EneSys Institute, Ruhr-University Bochum, Grermany. Battery Management System tasks in an Electric Vehicle.
3. Jan Collie, Ph.D. Student, University of South Wales, U.K. Tracing Forensic Artifacts from USB-Bound Computing Environments on Windows Hosts.

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16:30-18:00 Session V (ROOM D): Business & Management Systems*

Chair: Stepan Bilan, Professor, State Economy and Technology University of Transport, Ukraine

1. Rachid Benmoussa, Professor, Cadi Ayyad University, Morocco. An Approach for the Identification of Misalignment in ERP Implementation.
2. Hemant Jain, Roger L. Fitzsimonds Distinguished Scholar and Professor, University of Wisconsin Milwaukee, USA. Service Oriented, Event Driven, Smart Cyber - Agent (SES) Approach for Real Time Management of Global Manufacturing Enterprises.
3. Philip Dost, Scientific Assistant, EneSys Institute, Ruhr-University Bochum, Grermany & Constantinos Sourkounis, Head of EneSys Institute, Ruhr-University Bochum, Germany. Generalized Lead-Acid based Battery Model used for a Battery Management System.

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21:00-23:00 Greek Night and Dinner (Details during registration)

Tuesday 19 May 2015
(all sessions include 10 minutes break)

08:00-09:45 Session VI (ROOM D): Biomedical and Digital Health*

Chair: Constantinos Sourkounis, Head of EneSys Institute, Ruhr-University Bochum, Germany

1. Christina Zarcadoolas, Professor, City University of New York, USA. US Consumer Attitudes and Perceptions about mHealth Privacy and Security.
2. Henriette Nakad-Weststrate, Ph.D. Candidate, Leiden University, The Netherlands, Ton Jongbloed, Professor, Utrecht University, The Netherlands, Jaap Van den Herik, Professor, Leiden University, The Netherlands & Abdel-Badeeh M. Salem, Professor, Ain Shams University, Egypt. The Influence of Artificial Intelligence on Consumer Protection in Dept Collection Proceedings at e-Court, the First Private Online Court of The Netherlands.
3. MengMeng Wu, Student, Wuhan University, China & Shiwen Wu, Lecturer, Wuhan University, China. Consciously Cognizing and Unconsciously Sharing: Undergraduates Process Fake Health Information in the Microblog.

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09:45-11:30 Session VII (ROOM D): Online and Distance Education and Other Issues III*

Chair: Till Hanisch, Professor, BW State University, Heidenheim, Germany.

1. Ellen Rose, Professor, University of New Brunswick, Canada. Reflection in Online Learning: A Systematic Literature Review.
2. Valentina Tarkovska, Assistant Lecturer, Dublin Institute of Technology, Ireland, Lucia Morales, Lecturer, Dublin Institute of Technology, Ireland & Amparo Soler-Dominguez, Lecturer, Jaume I University, Spain. Self-Regulated Learning and the Role of ePortfolios in Business Studies.
3. Costantino Thanos, Research Director, Italian National Research Council, Italy. The Future of Digital Scholarship.
4. Abide Coskun Setirek, Research Assistant, Bogazici University, Turkey & Zuhal Tanrikulu, Professor, Bogazici University, Turkey. Mobile Learning - Continued Success or Emerging Problems?
5. Elvis Foster, Associate Professor and Chair of Computer Science, Keene State College, USA. Towards Measuring the Impact of Management Support Systems on Contemporary Management.

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11:30-13:00 Session VIII (ROOM D): Online and Distance Education and Other Issues IV*

Chair: Elvis Foster, Associate Professor and Chair of Computer Science, Keene State College, USA.

1. Till Hanisch, Professor, BW State University, Heidenheim, Germany. The Case for a Functional Internet of Things.
2. Berrin Yanikkaya, Associate Professor, Yeditepe University, Turkey. We're On the Road to Where?: Teaching Ethics in the Age of Digital Communication.
3. Igor Gurevich, Senior Researcher, HETNET Consulting Company, Russia. Information Characteristics of Physical Systems.

Jointly organized with the Education Research Unit of ATINER

13:00-14:00 Lunch

14:00-15:30 Session IX (ROOM D): Scientific Computing & Smart Technologies II
Chair: Rachid Benmoussa, Professor, Cadi Ayyad University, Morocco.
1. Robert Kelemen, IT Adviser of County Prefect's Office, Varazdin County, Croatia, Robertina Zdjelar, Head of Administrative Department for Finance, Budget and Public Procurement, Koprivnica – Krizevci County, Croatia & Vesna Dusak, Full Professor and Faculty of Organization and Informatics Varazdin, University of Zagreb, Croatia. Benchmarking in Regional Government. 2. Guru Raghavendra Reddy, Research Scholar, National Institute of Technology, India. A Novel Approach of Co-Occurrence Matrix for Gangue Separation from Iron. 3. Tzu-Chun Cheng, Master Student, Chang Gung University, Taiwan, Chung-Chih Lin, Associate Professor, Chang Gung University, Taiwan, Tsang-Chu Yu, Ph.D. Student, Chang Gung University, Taiwan, Hsin-Cheng Lin, Master Student, Chang Gung University, Taiwan, Ting-Kai Wu, Master Student, Chang Gung University, Taiwan, Wun-Ye Name Ku, Master Student, Chang Gung University, Taiwan, Wei-Chia Chen, Assistant, Chang Gung University, Taiwan & Li-Te Lai, Assistant, Chang Gung University, Taiwan. The Study of the Physiological Measurement Platform Based on Smart Wearable Technologies. 4. Murat Ozdemir, Ph.D. Student, Ondokuz Mayis University, Turkey & Erdal Kilic, Associate Professor, Ondokuz Mayis University, Turkey. Spam Discrimination with SVM using Mail Headers and Network Basis Tools.

15:30-17:00 Session X (ROOM D): Cloud Computing, Internet & Telecommunications
Chair: Guru Raghavendra Reddy, Research Scholar, National Institute of Technology, India.
1. Brett Tjaden, Professor, James Madison University, USA, Robert Floodeen, Research Scientist, Carnegie Mellon University, USA & John Haller, Research Scientist, Carnegie Mellon University, USA. Communication among Incident Responders – Phase II

17:30-20:00 Urban Walk (Details during registration)

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

Wednesday 20 May 2015 **Cruise: (Details during registration)**

Thursday 21 May 2015 **Delphi Visit: (Details during registration)**