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

13th Annual International Conference on Information Technology & Computer Science, 15-18 May 2017, Athens, Greece
Organized by the Computer Research Unit
Sponsored by the *Athens Journal of Technology & Engineering* & *Athens Journal of Sciences*

Conference Venue: The Stanley Hotel, 1 Odisseos str, Karaiskaki Square, 104 37 Athens (close to Metaxourgeio metro station)

Monday 15 May 2017

08:00-08:45 Registration and Refreshments

08:45-09:00 (Room C - 1st Floor) Welcome and Opening Address by Gregory T. Papanikos, President, ATINER.

09:00-11:00 Session I (Room D - 3rd Floor): Online Education

Chair: Olga Gkounta, Researcher, ATINER.

1. Maureen Andrade, Associate Vice President, Utah Valley University, USA. Online Learning: Strategies for Success.
2. Laura Gaudet, Professor and Chair, Department of Counseling Psychological Sciences and Social Work, Chadron State College, USA & Peter Moriasi, Assistant Professor, Chadron State College, USA. Implementation and Evaluation of Screencast Videos for Graduate Online Counseling Courses.
3. Khaled Asad, Lecturer, Al-Qasemi Academic College of Education and Beit-Berl Academic College of Education, Israel, Moanes Tibi, Lecturer, Beit-Berl Academic College of Education, Israel & Jamal Raiyn, Head of the Faculty of Exact Sciences, Al-Qasemi Academic College of Education, Israel. Teaching Programming to Primary School Pupils through Visual and Interactive Programming Environments.
4. Barbie Stanford, PhD Student / Graduate Teaching Assistant, Sam Houston State University, USA, Ana Marcela Montenegro, PhD Student / Graduate Teaching Assistant, Sam Houston State University, USA & Lori Haas, Assistant Professor, Sam Houston State University, USA. Blogging and Online Book Clubs: Preservice Teachers' Experiences and Perceptions.

11:00-12:30 Session II (Room D - 3rd Floor): Education Technology I

Chair: Maureen Andrade, Associate Vice President, Utah Valley University, USA.

1. Patricia Alejandra Behar, Professor, Federal University of Rio Grande do Sul, Brazil, Tassia Grande, Researcher / Teacher, Federal University of Rio Grande do Sul, Brazil, Leticia Machado, Researcher / Teacher, Federal University of Rio Grande do Sul, Brazil & Larissa Camargo Justin, Student, Federal University of Rio Grande do Sul, Brazil. Construction of Digital Educational Materials for Seniors.
2. Alfred Klampfer, Vice Rector, Private University of Education, Austria. Virtual / Augmented Reality in Education. Analysis of the Potential Applications in the Teaching / Learning Process.
3. Franz-Josef Schmitt, Scientist, Technische Universität Berlin, Germany, Christian Schroeder, Researcher, Technische Universität Berlin, Germany, Marcus Moldenhauer, Researcher, Technische Universität Berlin, Germany & Thomas Friedrich, Professor, Technische Universität Berlin, Germany. Student Centred Teaching in Laboratories Supported by Online Components in the Orientation Program MINTgruen.
4. Juanjuan Chen, PhD Student, The University of Hong Kong, Hong Kong & Minhong Wang, Associate Professor, The University of Hong Kong, Hong Kong. Concept Mapping-Mediated Inquiry Learning in an Online Environment.

12:30-14:00 Session III (Room D - 3rd Floor): Information Systems Development I

Chair: Franz-Josef Schmitt, Scientist, Technische Universität Berlin, Germany.

1. Harish Bahl, Professor, California State University, Chico, USA. Improving Application Software by Integrating Master Scheduling with Material Requirements Planning in Supply Chain Management.
2. Ovidio Felippe Pereira da Silva Junior, Professor, Universidade do Vale do Itajaí, Brazil, Bruno Panerai Velloso, Professor, Instituto Federal de Santa Catarina, Brazil, Maria de Lourdes de Souza, Professor, Universidade Federal de Santa Catarina, Brazil & Carmem Regina Delziovo, Secretaria de Estado da Saúde do Governo do Estado de Santa Catarina, Brazil. Maternal Mortality Analytical Observatory: Management Information System Design to Generate Accurate Indicators e Mortality Ratios.
3. Petr Kurka, Professor, Academy of Sciences and Charles University in Prague, Czech Republic. Bimodular Number Systems.
4. Carsten Lecon, Professor, Aalen University of Applied Sciences, Germany. Rapid Learning Object Generating for Blended Learning Scenarios.

14:00-15:00 Lunch

15:00-17:00 Session IV (Room D - 3rd Floor): A Colloquium on Online & Distance Education

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

1. Emanuel Johannes Spamer, Executive Director, Unit for Open Distance Learning, North-West University, South Africa, Johanna Maria Van Zyl, Director, Unit for Open Distance Learning, North-West University, South Africa & Martin Combrinck, Manager, Unit for Open Distance Learning, North-West University, South Africa. Critical Success Factors at a South African Dual Mode University: A Case Study.
2. Lindsey Hamlin, Director of Continuing and Distance Education, South Dakota State University, USA, Merrill Johnson, Professor, Colorado State University, USA & Richard Speaker, Retired Professor, University of New Orleans, USA. From Oculus Rift to Pokémon Go: Is Augmented Reality the Next Wave for Online Learning?
3. Celeste Lawson, Head of Course, Professional Communication, CQUniversity, Australia. Engaging Online and Distance Students in Teamwork Assessment for Higher Education.
4. Lydia Rose, Associate Professor, Kent State University, USA. Rethinking the "Live" Component of Online Courses: Advantages and Disadvantages of the Polished Canned Course.
5. Qiyun Wang, Associate Professor, National Institute of Education, Singapore & Choon Lang Quek, Nanyang Technological University, Singapore. Designing a Blended Synchronous Learning Environment for Graduate Students.
6. Michele Domenico Todino, PhD Student, University of Salerno, Italy, Stefano Di Tore, Researcher, University of Salerno, Italy, Giuseppe De Simone, Researcher, University of Salerno, Italy & Maurizio Sibilio, Professor, University of Salerno, Italy. Virtual Reality Head-Mounted Display Used in Online & Distance Education.

17:00-18:30 Session V (Room D - 3rd Floor): Cloud, Internet of Things, Industry 4.0

Chair: Lydia Rose, Associate Professor, Kent State University, USA.

1. Till Haenisch, Professor, BW State University, Heidenheim, Germany. An Architecture for Reliable Industry 4.0 Appliances.
2. Faisal Abu Rub, Head of MIS Department, University of Petra, Jordan. Influence of Cloud Computing Technologies on Achieving Agility in Organizations: An Empirical Investigation.
3. Nicola Fabiano, Partner at Studio Legale Fabiano, Italy. Internet of Things and the Legal Issues related to the Data Protection Law according to the new European General Data Protection Regulation.

18:30-20:30 Session VI (Room A- Ground Floor): A Symposium on Academic Publishing and Researching in the 21st Century

Chair: Alexander Makedon, Head, Education Research Unit, ATINER.

1. Gregory T. Papanikos, President, ATINER, Greece. "ATINER's Experience with Publishing".
2. Yaacov Katz, Professor Emeritus, Bar-Ilan University & President, Michlalah Jerusalem Academic College, Israel. "Journal Prestige and Journal Ranking".
3. Janet Alsup, Professor, Literacy and Language Education, & Head, Department of Curriculum and Instruction, Purdue University, USA. "Negotiating Tensions between Tradition and Innovation: Academic Publishing and Research in the US".
4. Carmen Cozma, Professor, "Alexandru Ioan Cuza" University of Iasi, Romania. "Sharing editorial experience concerning the academic journal Agathos: An International Review of the Humanities and Social Sciences".
5. Patricia Scherer Bassani, Professor, Feevale University, Brazil. "Brazil's Experience with Publishing and Researching".
6. Vladimir V. Petrov, Associate Professor, Novosibirsk State University, Russia. "The Development of Entrepreneurial Universities in Russia in the Context of Globalization".
7. Effie Papoutsis-Kritikos, Professor, Chair and Counselor, Northeastern Illinois University, USA. "Budget Effects on Publishing and Researching".
8. Denver J. Fowler, Assistant Professor, Educational Leadership, The University of Mississippi, USA. "Research and Publication in Higher Education: Redefining Our Emphasis"

For details on the discussion please click here.

21:30-23:30 Greek Night and Dinner (Details during registration)

Tuesday 16 May 2017

07:30-10:30 Session VII (Room A- Ground Floor): An Educational Urban Walk in Modern and Ancient Athens

Chair: Gregory Katsas, Vice President of Academic Affairs, ATINER & Associate Professor, The American College of Greece-Deree College, Greece.

Group Discussion on Ancient and Modern Athens.

Visit to the Most Important Historical and Cultural Monuments of the City (be prepared to walk and talk as in the ancient peripatetic school of Aristotle)

(Note: The simple registration fee of the conference does not cover the cost of this session. More details during registration).

11:00-13:00 Session VIII (Room D - 3rd Floor): Education Technology II

Chair: Harish Bahl, Professor, California State University, Chico, USA.

1. Savilla Banister, Professor, Bowling Green State University, USA & Rachel Reinhart, Professor, Bowling Green State University, USA. Developing and Implementing Instrumentation for Digital High School Curricula: A Regional Study of a Rubric for Instructional Quality.
2. Menachem Domb, Professor, Ashkelon Academy, Israel. An Adaptive Classification Framework for Data Streaming Anomaly Detection.
3. Richard Kitchen, Professor, University of Denver, USA. Is Computer-Assisted Instruction (CAI) Reliable to Promote Students' Mathematical Reasoning?
4. Ziaul Abedin Forhad, Lecturer, Assumption University, Thailand. In-service Teachers' Attitudes toward and Usage of Information Communication Technology (ICT) Tools in Professional Practice; A Study of an International School in Bangkok, Thailand.
5. Adam Hart, PhD Candidate, University of Salford, UK. Experiential Learning Technologies in the Modern Music Classroom.

13:00-14:00 Lunch

14:00-16:00 Session IX (Room C-1st Floor): A Panel on Education, Technology, Social Media, and Transformative Change: Interdisciplinary Perspectives

Chair: Ksenia Troshina, Instructor, The Hong Kong Polytechnic University, Hong Kong.

1. Leila Nunes, Professor, Universidade do Estado do Rio de Janeiro, Brazil. Improving the Performance of Multifunctional Resource Rooms Teachers in Using Alternative and Augmentative Communication (AAC) Resources.
2. Catia Walter, Adjunct Professor and Researcher, State University of Rio de Janeiro, Brazil. How to Promote new Practices using Alternative and Augmentative Communication with Especial Students.
3. Nikhil Ghodke, Assistant Professor, Manhattanville College, USA. Using Image-Editing Tools as a Fun Activity to add to Pedagogy.
4. Sonia Tiwari, Guest Lecturer, Educational Multimedia Research Center, India. Design and Evaluation of Character-Driven Applications for Elementary Education.
5. Janice Tsang, English Teaching Assistant, The University of Hong Kong, Hong Kong. Struggles of Independent Intellectuals in Hong Kong: A Case of Hong Kong Reader Bookstore and the Intercommon Institute.
6. Sinela Jurkova, PhD Candidate, University of Calgary, Canada. Transcultural Competence as Transformative Learning that Fosters an Inclusive Society.

14:00-16:00 Session X (Room D - 3rd Floor): Management Information Systems Development

Chair: Richard Kitchen, Professor, University of Denver, USA.

1. Manfred Roessle, Head, Faculty of Business Information Systems, Aalen University of Applied Sciences, Germany & Rene Kuebler, Research Fellow, Aalen University of Applied Sciences, Germany. Quality Prediction on Die Cast Sensor Data.
2. Volodymyr Voytenko, Professor, Sheridan Institute of Technology and Advanced Learning, Canada. Context-Aware Mobile Applications and Their Integration with Decision Support Systems.
3. Marwa Qaraqe, Assistant Professor, Hamad Bin Khalifa University, Qatar & Qammer Abbassi, Post-Doc, Texas A&M University at Qatar, Qatar. Performance Evaluation of Body-Centric Nano Communication at Terahertz Frequencies.
4. Bernardo Panerai Velloso, Executive, Bernardo Panerai Velloso MEI, Brazil, Maria de Lourdes de Souza, Professor, Universidade Federal de Santa Catarina, Brazil & Ovídio Felippe Pereira da Silva Junior, Professor, Universidade do Vale do Itajaí, Brazil. Analytical Observatory: Management Information System on Psychoactive Substance Dependence.

16:00-17:30 Session XI (Room D - 3rd Floor): Information Systems Development II

Chair: Savilla Banister, Professor, Bowling Green State University, USA.

1. Linda Hayden, Professor, Elizabeth City State University, USA. Mentoring the Next Generation of Science Gateway Developers and Users.
2. Susantha Herath, Professor and Chair, Department of Information Systems, Saint Cloud State University, USA & Jayantha Herath, Saint Cloud State University, USA. Transforming Next Generation Minds and Lives: Interdisciplinary Cybersecurity for non-Computing Majors.
3. Philipp Kornreich, Professor Emeritus, Syracuse University, USA. Information Theory Model for the Analysis of Symbol Strings.
4. Alexis Koster, Professor, San Diego State University, USA. The Transformative Impact of Internet Music Distribution.

17:30-19:00 Session XII (Room D - 3rd Floor): Education Technology III

Chair: Thomas Fehlmann, Senior Researcher, Euro Project Office AG, Switzerland.

1. Patricia Scherer Bassani, Professor, Feevale University, Brazil, Cristina Ennes da Silva, Researcher, Feevale University, Brazil & Inajara Vargas Ramos, Researcher, Feevale University, Brazil. Personal Learning Environments as a Strategy to Promote the use of Digital Technologies in Education.
2. Eliane Schlemmer, Researcher, Unisinos, Brazil, Wagner dos Santos Chagas, Unisinos, Brazil & Cleber Portal, Unisinos, Brazil. In Vino Veritas: The Game.

19:00-20:30 Session XIII (Room D - 3rd Floor): Special Topics

Chair: Carsten Lecon, Professor, Aalen University of Applied Sciences, Germany.

1. Goran Bidjovski, Assistant Professor, University American College Skopje, FYROM. Displaying Navigation from Websites on Users Computers and Analyzing Their Characteristics.
2. Thomas Fehlmann, Senior Researcher, Euro Project Office AG, Switzerland. The Role of Mathematics for Success in Business.
3. Haruka Miyazawa, PhD Student / Junior Research Associate, Osaka University / RIKEN Quantitative Biology Center, Japan. Information, Computation and Linguistic System.
4. Marina Burdack, Academic Staff, Aalen University of Applied Sciences, Germany & Manfred Rossle, Professor, Aalen University of Applied Sciences, Germany. Flexible Serious Game to Train Business Processes in Higher Education.
5. Jan Collie, Senior Forensic Investigator, Discovery Forensics Ltd, UK. A Strategic Model for Forensic Readiness.

21:00- 22:30 Dinner (Details during registration)

Wednesday 17 May 2017
Educational Tour: (Details during registration)

Thursday 18 May 2017
Educational Tour: (Details during registration)