



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



**1<sup>st</sup> Annual International Conference on Computer Science and Information Systems, 16-18 June 2005, Athens, Greece**

**Organized by the Athens Institute For Education And Research (ATINER)**

**Under the Auspices and Support of the [Hellenic Management Association](#)**

**Conference Venue:** [Hellenic Management Association](#), 200 Ionias Avenue & Iakovaton Street. Kato Patisia. 111 44 Athens, Greece  
(Close to the Metro Station Kato Patisia).

**Thursday, June 16<sup>th</sup>, 2005**

**8:00-08:30 Registration**

**08:30-08:40 Welcome and Opening Remarks**

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

**08:40-11:30 Session I**

**Chair: Angelos Tsaklanganos, Professor, Aristotle University of Thessaloniki, Greece.**

1. Annan, J., Lecturer, School of Computing and Technology, University of East London, U.K. *Electronic Patient Records (EPR), a Panacea to Medical Practitioners Woes in Developing Countries – the Ghanaian Experience.*
2. Nicolai, B., Assistant Professor, Purdue University Calumet, USA. *A Virtual Healthcare Systems Project – A Lilly Endowment Sponsored Internship Program for High-Tech Startup Companies.*
3. Prince, K., Ph.D. Student, School of Applied Science, University College Northampton, U.K., Campbell, J., School of Applied Science, University College Northampton, U.K., Picton, P., School of Applied Science, University College Northampton, U.K., Turner, S., School of Applied Science, University College Northampton, U.K. *A Computational Model Simulating How Pain Modulation Can Occur Through Transcutaneous Electrical Nerve Stimulation (TENS).*
4. Gonzalez-Castro, V., Ph.D. Student, Heriot-Watt University, U.K. & MacKinnon, L., Director of Postgraduate Study, Heriot-Watt University, U.K. *Using Alternative Data models in the Context of Data Warehousing.*
5. Hole, S., Senior Lecturer, Faculty of Applied Design and Engineering, Swansea Institute of Higher Education, U.K. & McPhee, D, Department of Computing, University of Glamorgan, U.K. *Designing a Software Agent to Categorise End User Computing Personnel.*

**11:30-13:00 Session II**

**Chair: Nicolai, B., Assistant Professor, Purdue University Calumet, USA.**

1. Hu, G., Professor, Department of Computer Science, Central Michigan University, USA. *Distributed Query Processing Based on Integrated Schema.*
2. Skevoulis, S., Associate Professor, Department of Computer Science, School of Computer Science & Information Systems, Pace University, USA & Makarov, V., Adjunct Faculty, Department of Computer Science, School of Computer Science & Information Systems, Pace University, USA. *JAIDE: A Formal Methods Based Student Assistant Tool In Developing Java Programs.*
3. Gleni, S., Ph.D. Student, University of Luton, U.K & Petratos, P., Assistant Professor, California State University, Stanislaus, USA. *Information Organisation and Retrieval of Biological and Chemical Ontologies.*

**13:00-14:00 Lunch** (inside the Conference Venue)

### **14:00-15:30 Session III**

**Chair: Hu, G., Professor, Department of Computer Science, Central Michigan University, USA.**

1. Angeles, P, Ph.D. Student, Heriot-Watt University, U.K. & MacKinnon, L., Director of Postgraduate Study, Heriot-Watt University, U.K. *Quality Measurement and Assessment Models Including Data Provenance to Grade Data Sources.*
2. Gnanayutham, P, Senior Lecturer, University of Portsmouth, U.K. & Peart, A, Researcher, University of Portsmouth, U.K. *Survey of the Latest Concepts in Distributed Systems.*
3. Guo, J., Professor, California State University Los Angeles, USA & Akis, V., Professor, California State University Los Angeles, USA. *The Cycles in Matrix Transposition.*
4. Pevac, I., Associate Professor, Central Connecticut State University, USA. *Analysis and Visualization of Time Complexity in Fractal Algorithms.*

### **15:30-17:00 Session IV**

**Chair: Pevac, I., Associate Professor, Central Connecticut State University, USA.**

1. Jiang, E., Professor, University of San Diego, USA. *Rank-Reduced Information Retrieval Models and Applications.*
2. Riabov, V., Associate Professor, Department of Computer Science, Rivier College, USA. *Networking Software Studies with the Structured Testing Methodology.*

### **20:30-22:30 Greek Night**

(Place: Tavern Stamatopoulos, 26 Lissiou Street, PLAKA, Tel.: 210 3228722)

## **Friday June 17<sup>th</sup>, 2005**

### **09:30-11:00 Session V**

**Chair: Burkhardt, M.E., Associate Professor, Juniata College, USA.**

1. Gupta, G.K., Professor of Computer Science, Monash University, Australia. *Information Privacy and Data Mining.*
2. Peart, A., Researcher, Department of Computer Science and Software Engineering, University of Portsmouth, U.K., Adda, M., Researcher, Department of Computer Science and Software Engineering, University of Portsmouth, U.K. & McKeever, A., Student, Department of Computer Science and Software Engineering, University of Portsmouth, U.K. *The Implications of the Riemann Hypothesis and Quantum Computing on the Security of Public Key Encryption.*
3. Goetz, J., Faculty Member, California State University at Fullerton, USA & Kowalski, K., Professor, California State University at Dominguez, USA. *Using Petri Nets to Introduce Deadlock Concepts.*
4. Miah, M., System Analyst, Information and Communication Services Division, Griffith University, Australia & Wasimi, S., Senior Lecturer, Faculty of Informatics & Communication, Central Queensland University, Australia. *Techniques for Identifying Tandem Repeats in DNA Sequences.*

### **11:00-13:00 Session VI**

**Chair: Hardnett, C.R., Assistant Professor, Computer Science Department, Spelman College, USA**

1. Verkhovsky, B.S., Professor, New Jersey Institute of Technology, USA & Mutovic, A., Ph.D. Student, New Jersey Institute of Technology, USA. *Primality Testing Algorithm Using Pythagorean Integers.*
2. Meloche, J.A., Lecturer, University of Wollongong, Australia. *The Modelling of Information dissemination: with the ICCMU Website.*
3. Wang, W-J., Professor, Department of Electrical Engineering, National Central University, Taiwan & Kang, C-C., Ph.D. Student, Department of Electrical Engineering, National Central University, Taiwan. *A Novel Edge Detection Method Based on Maximizing Object Function.*
4. Mintram, R., Senior Lecturer, University of Northumbria, U.K. *Evaluation of Cost Estimation Model.*

### **13:00-14:00 Lunch** (inside the Conference Venue)

### **14:00-15:30 Session VII**

**Chair: Adda, M., Researcher, Dept. Computer Science and Software Engineering, University of Portsmouth, U.K.**

1. Gleni, S., Ph.D. Student, University of Luton, U.K., Petratos, P., Assistant Professor, California State University, Stanislaus, USA & Carsten, M., Professor, University of Luton, U.K. *Electronic Commerce Utilising Databases on the World Wide Web.*
2. Hardnett, C.R., Assistant Professor, Computer Science Department, Spelman College, USA & Williams, A., Student, Computer Science Department, Spelman College, USA. *Page-by-Page Protocol: Transferring Pages On-Demand over the Internet.*
3. Kotsidis, P., Visiting Lecturer/Researcher, University of Sunderland, U.K. *A Pilot Study of Web Information Change in the Academic Domain.*
4. Lee, R., Professor, Software Engineering & Information Technology Institute, Computer Science Department, Central Michigan University, USA. *An Integrated Software Architecture for Web Applications.*
5. Feng, X., Senior Lecturer, Coventry University, U.K. *Application of Data Mining in Mobile Radio Network.*

### **15:30-17:30 Session VIII**

**Chair: Feng, X., Senior Lecturer, Coventry University, U.K.**

1. Michalopoulos, D., Professor, California State University at Fullerton, USA, Goetz, J., Faculty Member, California State University at Fullerton, USA & Reao, E., Software Engineer, Northrop Grumman Corporation, USA. *Validating E-Commerce Solutions.*
2. Papamargaritis, G., Senior Research, Intelligent Systems Lab, British Telecom, U.K. *Towards a Domain Theory-based Generative Reuse Method.*
3. Pham, S., Professor, California State University at Northridge, USA & Pham T., Senior Designer, NCR Corporation, USA. *Group-By Early in Optimization.*
4. Burkhardt, M.E., Associate Professor of Information Technology and Business, Information Technology Department, Juniata College, USA. *Turnover Following a Technological Change.*
5. Adda, M., Researcher, Department of Computer Science and Software Engineering, University of Portsmouth, U.K., Owen, G. Phd Student, Dept. Computer Science and Software Engineering, University of Portsmouth, U.K., & Kasassbeh, M. Phd Student Dept. Computer Science and Software Engineering, University of Portsmouth, U.K. & Paraskelidis, A. Phd Student, Dept. Computer Science and Software Engineering, University of Portsmouth, U.K. & Peart, A., Researcher, Department of Computer Science and Software Engineering, University of Portsmouth, U.K. *Large Scale Ad hoc Networks.*
6. Wei, H., Lecturer, The University of Reading, U.K. & Wan, X., Graduate Student, The University of Reading, U.K. *An Approach to Reconstruct 3-D Model from 2D Images.*

### **20:00-22:00 Dinner**

(Place: Rozalia Tavern, 58 Valtetsiou str., Exarcheia Square, Tel.: 210-330-2933)

## **Saturday June 18<sup>th</sup>, 2005**

**Cruise to Aigina, Spetses, Hydra.**

07:00: Pick up from the Hotel Xenophon