

	Friday 18-05-2007				Saturday 19-05-2007				Sunday 20-05-2007			
09:00-11:00	Registration - Welcome Coffee				Session 7	Session 8	Session 9	Students' Session 3	Session 19	Session 20	Session 21	Students' Session 7
11:00-11:30					Brunch							
11:30-13:30	Opening Session				Session 10	Session 11	Session 12	Students' Session 4	Session 22	Session 23	Session 24	Students' Session 8
13:30-15:00	Lunch								Closing Session			
15:00-17:00	Session 1	Session 2	Session 3	Students' Session 1	Session 13	Session 14	Session 15	Students' Session 5				
17:00-17:30	Coffe Break											
17:30-19:30	Session 4	Session 5	Session 6	Students' Session 2	Session 16	Session 17	Session 18	Students' Session 6				
21:30-					Banquet							

**Hall / Room**

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	I 11
	I 13
	I 10

[More Information about Cultural & Conference Center of University of Patras](#)

**SESSION 0: Opening Session**

*Chairman:*

T.S.Papatheodorou

, Professor, Conf. Chair, Head of Computer Engineering & Informatics Dept.- University of Patras

Dimitris Karagiannis

*Metamodeling as a Concept*

Constantinos S. Pattichis

*Intelligent Information*

**SESSION 1: AI/Knowledge bases**

*Chairman:*

I.Hatzilygeroudis

, Assistant Professor, Computer Engineering & Informatics Dept.- University of Patras

Kyriakos N. Sgarbas

*The Road to Quantum Artificial Intelligence*

Efstratios Kontopoulos, Kalliopi Kravari and Nich Bassiliades

*Object-Oriented Modeling of RDF Schema Ontologies*

Yannis Plegas, Evangelos Sakkopoulos, Athanasios Tsakalidis

*Augmenting semantic queries using Personalization techniques*

John Garofalakis, Ioannis Hatzilygeroudis and Panayiotis Kyriakou

*A Tool for Managing Domain Metadata in a Web-based Intelligent Tutoring System*

Aikaterini Mpagouli and Ioannis Hatzilygeroudis

*Converting First Order Logic into Natural Language*

Christos P. Yiakoumettis

*Speech Synthesis by Artificial Neural Networks*

**SESSION 2: Algorithms and Complexity I**

*Chairman:*

P.G.Spirakis

, Professor, Computer Engineering & Informatics Dept.- University of Patras, Director of RACTI

Dimitris Fotakis, Spyros Sarigiannidis and Paul G. Spirakis

Panagiota N. Panagopoulou and Paul G. Spirakis

*Approximate and Well-supported Approximate Nash Equilibria of Random Bimatrix Games*

Christos Gogos, Panayiotis Alefragis and Efthymios Housos

*Application Of Heuristics, Genetic Algorithms & Integer Programming At A Public Enterprise Water Pump Scheduling System*

Spyros A. Kazarlis

*Constraint Handling Methods in Genetic Algorithms*

Panagiotis Cheilaris and Stathis Zachos

*Path-related vertex colorings of graphs*

### **SESSION 3: Computer Security**

*Chairman:*

C.Douligeris

, Associate Professor, Department of Informatics- University of Piraeus

Dimitrios Patsos, Sarandis Mitropoulos and Christos Douligeris

*Generating adaptive security policies and automated configuration scenarios in intrusion management systems*

Vasileios Vlachos, Eirini Kalliamvakou and Diomidis Spinellis

*Simulating Bandwidth-Limited Worms, One Graph to Rule Them All?*

Aristeidis Tentis

*An Optimal Monte Carlo Type Byzantine Agreement Protocol*

V. Liagkou, E. Makri, P.Spirakis and Y.C. Stmatiou

*On the asymptotic behaviour of formal logic based trust models*

E. Chrysochos, V. Fotopoulos, A. N. Skodras and M. Xenos

*Reversible Image Watermarking Based on Histogram Modification*

Dimitris Mitropoulos and Diomidis Spinellis

*Countering SQL Injection Attacks with a Database Driver*

### **SESSION 4: Social Applications of Technological Advances**

*Chairman:*

T.S.Papatheodorou

, Professor, Conf. Chair, Head of Computer Engineering & Informatics Dept. - University of Patras

John Garofalakis, Theodoula Giannakoudi, Andreas Koskeris, Sotirios Michalopoulos and Athanasios Plessas

*GIS-based Monitoring and Analysis of Environmental and Epidemiological Factors*

Constantinos Koutsojannis, Ioanna Kontomina, Georgia Margari, Evripidis Doulias and Maria Katsardi

*Education in Computers Conquers Health Care Professionals' Technophobia'*

Michael Kalochristianakis, Michael Paraskevas and Emmanouel Varvarigos

*Deploying cutting-edge educational services in the Greek School Network*

Daphne Economou, Damianos Gavalas and Michael Kenteris

*Authoring tools & development platforms: Requirements for mobile devices-enabled cultural applications*

Christos D. Zaroliagis

*The Societal Impact of Algorithms in Transport Optimization*

### **SESSION 5: Algorithms and Complexity II**

*Chairman:*

Lefteris Kirousis

, Professor, Computer Engineering & Informatics Dept. - University of Patras

Michael Lampis and Valia Mitsou

*Generalizing Alcuin's River Crossing Problem*

Evangelos Bampas, Aris Pagourtzis and Katerina Potika

*Maximum Request Satisfaction in WDM Rings: Algorithms and Experiments*

Georgia Kaouri, Aris Pagourtzis and Katerina Potika

**SESSION 6: Human-Computer Interaction I**

*Chairman:*

N. Avouris

*, Professor, Electrical & Computer Engineering Dept. - University of Patras*

Kostas Gkikas, Dimitris Nathanael, Nicolas Marmaras

*The evolution of FPS games controllers: how use progressively shaped their present design*

Spyros Vosinakis, Panayiotis Koutsabasis, Modestos Stavrakis, Nikos Viorres and John Darzentas

*Supporting Conceptual Design in Collaborative Virtual Environments*

Giannis Tsakonas and Christos Papatheodorou

*Critical Constructs of Digital Library Interaction*

Panayiotis Koutsabasis, Thomas Spyrou, Jenny S. Darzentas and John Darzentas

*On the performance of novice evaluators in usability evaluations*

Petros Georgiakakis, Symeon Retalis, Yannis Psaromiligkos, Yannis Arapoglou

*Evaluating e-travel sites with the use of design patterns*

Akoumianakis D., Milolidakis G., Kotsalis D., Vellis G.

*Interaction platform administration strategies: Practice and experience*

**SESSION 7: Computer/Sensor Hardware and Architecture**

*Chairman:*

D. Lioupis

*, Associate Professor, Computer Engineering & Informatics Dept. - University of Patras*

Stavros Souravlas, Athnasios Margaritis and Manos Roumeliotis

*Array Redistribution Algorithms for Bidirectional Processor Rings*

I. Panagopoulos, A. Dimopoulos, G. Manis and G. Papakonstantinou

*AMPLE: Automatic Mapping of Algorithms for Embedded systems*

Sakrapee Leelathan and Athasit Surareks

*A Double Negative-base Number representation system and Arithmetic Operations*

Anya Apavatjirut, Jose L. Ayala and Marisa Lopez-Vallejo

*Thermal Analysis of the Shared Register File in VLIW Architectures*

**SESSION 8: Data Bases, Work Flow and Data mining**

*Chairman:*

John Garofalakis

*, Associate Professor, Computer Engineering & Informatics Dept. - University of Patras*

John Garofalakis and Christos Vavatsikos

*Measurements and Community Detection on the World Wide Web: The Case of the Greek Web*

D. Anyfantis, M. Karagiannopoulos, S.B. Kotsiantis and P.E. Pintelas

*Combining Classification and Model Trees for Handling Ordinal Problems*

Yannakoudakis E.J., Nitsiou M., Skourlas C., Karanikolas N.N.

*Tarski algebraic operations on the frame database model (FDB)*

Leonidas Karamitopoulos and Georgios Evangelidis

*Current Trends in Time Series Representation*

Lucas A. Andrianos

*Clustering Wireless Network Subscribers*

Efstathios Kirkos, Charalambos Spathis and Yannis Manolopoulos

*Applying Data Mining Methodologies for Auditor Selection*

## **SESSION 9: Industry and Innovations in Information and Communication Technologies**

*Chairman:*

N.Karanikolas

, Assistant Professor, Computer Science Dept., TEI of Athens

Paraskevas Kavallaris

*The innovation adoption process for broadband services*

Dr. Christos Georgousopoulos and Dr. Antonis Ramfos

*Direction of INTRASOFT International to Software Development*

Alex Hatzopoulos

*IC<sup>3</sup> Validation Brief*

Mindrinos Matthew

*"EXELIXI'S" ♦ TIRIS Fuel Controller System A RFID Technology Application*

Theodoros Alevizos, Vassilis G. Kaburlasos, Stelios Papadakis and Christos Skourlas

*Fuzzy Interval Numbers (FINs) techniques and applications*

## **SESSION 10: e-business & e-government**

*Chairman:*

E.Houstis

, Professor, Computer & Communication Engineering Dept.- University of Thessaly

G. Gionis, S. Mouzakitis, T. Janner, C. Schroth, S. Koussouris and D. Askounis

*Implementing Next Generation e-Business Platforms for Heterogeneous SME Environments*

Sotirios Koussouris, Aikaterini Maria Sourouni and Kostas Kalaboukas

*Generic Process Models for e-Business Transactions in Heterogeneous Systems*

Panayiotis Alefragis, Vassilis Triantafillou and Nikolaos Voros

*Mobile Based e-Democracy: The IBB/PMA e-Voting system*

Sotiris Koussouris, Fenareti Lampathaki, Georgios Gionis, Anastasios Tsitsanis and Yannis Charalampidis

*Building an eGovernment Services Portal for Local Administrations*

Yannis Charalabidis, Georgios Nikolaidis, George Gionis, Dimitris Askounis and Demetrios Sarantis

*An Ontology for Municipal Government*

## **SESSION 11: Grid and Cluster Computing**

*Chairman:*

E.Varvarigos

, Professor, Computer Engineering & Informatics Dept.- University of Patras

Antonis Zissimos, Katerina Doka, Antony Chazapis and Nectarios Koziris

*GridTorrent: Optimizing data transfers in the Grid with collaborative sharing*

Jonas Ceponis, Egidijus Kazanavicius and Lina Ceponiene

*Introducing Fault Tolerance into Process Networks*

Konstantinos I. Karantasis and Eleftherios D. Polychronopoulos

*Enabling Execution of Multithreaded Applications on top of Non-Uniform Distributed Platforms*

Panagiotis D. Michailidis and Konstantinos G. Margaritis

*Generalized Performance Model for Flexible Approximate String Matching on a Distributed System*

A. Menychtas, D. Apostolopoulos, D. Kyriazis, K. Christodoulopoulos, H. Avramopoulos and T. Varvarigou

*Enabling a Network Simulation Application on Grid Infrastructure*

## **SESSION 12: Technological and Sociological Effects in the Use of e-Applications**

*Chairman:*

Spiros Syrmakesis

, Associate Professor

Nektarios Kostaras and Mixalis Xenos

*Assessing Educational Web-site Usability using Heuristic Evaluation Rules*

Dimitris Stavrinoudis and Michalis Xenos

Constantinos J. Marinakis and Nikitas N. Karanikolas

*Strengthening The Security of E-Banking Transactions. The Case of NBG*

Konstantinos Siasiakos, Symeon Retail, Athena Zampara and Constantinos Tsamadias

*Adult Distance Education and Training Centre (ADETC)'s E-Learning Model*

Marios Katsis, Maria Rigou and Spiros Sirmakessis

*The role of color and visual design in electronic marketplaces*

### **SESSION 13: Human-Computer Interaction II**

*Chairman:*

N. Avouris

, Professor, Electrical & Computer Engineering Dept. - University of Patras

Polyxeni Vassilakopoulou and Dimitris Nathanael

*Beyond normative provisions of usability: integrating the activity perspective in IS development process*

Fidas Christos, Katsanos Christos, Papachristos Eleftherios, Tselios Nikolaos and Avouris Nikolaos

*Remote Usability Evaluation Methods and Tools: A Survey*

Yongkag Kim, Sangbae Jeong and Minsoo Hahn

*Automatic Music Tempo and Timbre Change Based on Pitch Detection and Image Analysis*

Georgios Fiotakis, Christos Fidas and Nikolaos Avouris.

*Comparative usability evaluation of web systems through ActivityLens*

Sylaiou S., Karoulis A. and White M.

*Virtual Museum Interface Evaluation: the ARCO case*

Nikolas F. Matsatsinis, Kleanthi Lakiotaki and Pavlos Delias

*A System based on Multiple Criteria Analysis for Scientific Paper Recommendation*

### **SESSION 14: Image and Video Processing**

*Chairman:*

A.N. Skodras

, Professor, Hellenic Open University

Adnan Khashman and Boran Sekeroglu

*A Novel Thresholding Method for Text Separation and Document Enhancement*

Jonghyun Park, Trung Kien, Jaemyeong Yoo and Guesang Lee

*Feature Analysis of Chromatic or Achromatic Components based on Tensor Voting and Text Segmentation using Separated Clustering Algorithm*

G. Vamvakas, N. Stamatopoulos, B. Gatos, I. Pratikakis and S. J. Perantonis

*Greek Handwritten Character Recognition*

Theodoros G. Kostis and Sokratis K. Katsikas

*Three-Dimensional Multiple Layer Extended Target Modeling for Inverse Synthetic Aperture Radar Studies in Target Identification*

M. Anthimopoulos, B. Gatos and I. Pratikakis

*Text detection in video frames*

N. Vretos, V. Solachidis and I. Pitas

*A Robust Face Clustering Algorithm Based on Mutual Information Using Tracking Information*

E. Zacharia and D. Maroulis

*A Genetic Approach to cDNA Microarray Image Analysis*

### **SESSION 15: Web Search and Mining**

*Chairman:*

Dr. Sofia Stamou

, Computer Engineering & Informatics Dept., University of Patras

Apostolos Kritikopoulos, Martha Sideri and Iraklis Varlamis

*Success Index: Measuring the Efficiency of Search Engines Using Implicit User Feedback*

Christiana Christophi, Demetrios Zeinalipour-Yazti Marios D. Dikaiakos Georgios Paliouras

*Automatically Annotating the ODP Web Taxonomy*

Jingfang Xu, Sheng Wu, Xing Li

*Estimating Collection Size in Distributed Search*

Ioannis Anagnostopoulos and Christos-Nikolaos Anagnostopoulos

*An Internet real-time programming technique for monitoring cache changes*

### **SESSION 16: Information Retrieval**

*Chairman:*

D.Christodoulakis

, *Professor, Computer Engineering & Informatics Dept. - University of Patras*

Georgios Paltoglou, Michail Salampasis, Maria Satratzemi and Georgios Evangelidis

*Using linkage information to approximate the distribution of relevant documents in DIR*

C. Alexakos, B. Vassiliadis, K. Votis and S. Likothanassis

*An Ontology for Integrated Searching of Hypermedia in a Distributed Server Environment*

Dimitris K. Iakovidis, Evangelos E. Kotsifakos, Nikos Pelekis, Haralampos Karanikas, Ioannis Kopanakis, Thomas Mavroudakos and Yannis Theodoridis

*Pattern-Based Retrieval of Cultural Heritage Images*

Leonidas Akritidis, George Voutsakelis, Dimitrios Katsaros and Panayiotis Bozanis

*QuadSearch: A Novel Metasearch Engine*

### **SESSION 17:**

*Chairman:*

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### **SESSION 18: Signal Processing and Telecommunications**

*Chairman:*

K.Berberidis

, *Associate Professor, Head of Signal Processing and Communications Lab Computer Engineering & Informatics Dept. University of Patras*

Seungho Han, Sangbae Jeong, Heesik Yang, Jinsul Kim, Won Ryu and Minsoo Hahn

*Speech Enhancement Using Optimized Wiener Filter for VoIP Speech Codecs*

Adonis Bogris, Dimitris Syvridis, Ioannis Dragonas, Thomas Nanos and Constantinos Fitros

*A Novel All-Optical ASK/DPSK Label Swapping Technique Based on Pump Depletion Effects in Parametric Amplifiers*

N. Petrellis, N. Konofaos and G. Ph. Alexiou

*Improving the performance of a position localization system based on infrared pattern recognition*

### **SESSION 19: Software Engineering I**

*Chairman:*

P.Pintelas

, *Professor, Dept. of Mathematics- University of Patras*

Vassilios Karakoidas, Konstantinos Stroggylos, Panagiotis Louridas, Vasileios Vlachos and Diomidis Spinellis

*Software Quality Assessment of Open Source Software*

M. Mouratidou, V. Lourdas, A. Chatzigeorgiou, C. K. Georgiadis

*Code Improvement: Implementing Design Patterns to Java EE Applications*

Antonia Stefani, Dimitris Kalles and Michalis Xenos

*Evaluating E-Commerce Sites with AI Tools: a modelling approach*

Olia Michou, Maria Vamvaka and Apostolos Ampatzoglou

*AynOmel 3D: A Pattern-Based Game Framework*

### **SESSION 20: Wearable and Mobile Computing - Web Applications**

*Chairman:*

C.Bouras

, *Associate Professor, Computer Engineering & Informatics Dept. - University of Patras, RACTI*

*New Techniques for Incremental Data Fusion in Distributed Sensor Networks*

A. Vlachos, V. Fotopoulos and A. N. Skodras

*Video Coding and a Mobile Augmented Reality Approach*

John Garofalakis, Nakou Polyxeni and Plessas Athanasios

*Vehicle Routing and Road Traffic Simulation: A Smart Navigation System*

Michael Kenteris, Damianos Gavalas and Daphne Economou

*Mobile Electronic Guides for the Masses: Optimizing Tourists Mobile Devices*

P. N. Christias, A. Maitos and E. Vogklis

*A complete software application providing automated measurements storing, monitoring and feedback for dispersed environmental sensors*

**SESSION 21: Bioinformatics I**

*Chairman:*

A. Tsakalidis

, Professor, Computer Engineering & Informatics Dept. - University of Patras

Konstantinos Moutselos and Aristotelis Chatziioannou

*Identifying and Deploying Kinetics Internally with SBML*

Kanaris Ioannis, Chatziioannou Aristotelis, Maglogiannis Ilias, Kollis Fragiskos

*SBML-Bridge: An XML Pathway Converting Tool*

Eystratios Keramidias, Dimitris Iakovidis, Dimitris Maroulis and Nikos Dimitropoulos

*Automatic Measurement of Thyroid Gland*

Georgios Ch. Sirakoulis, Demetrios Soudris, Ioannis Andreadis and Ioannis Karafylidis

*GNS: A Tool for the Analysis of Gene Regulatory Networks*

**SESSION 22: Software Engineering II**

*Chairman:*

C. Kaklamanis

, Professor, Computer Engineering & Informatics Dept. - University of Patras

Ervin Ramollari and Dimitris Dranidis

*StudentUML: An Educational Tool Supporting Object-Oriented Analysis and Design*

Lina Ceponiene, Lina Nemuraite and Jonas Ceponis

*Methodology for Requirements Analysis and Design in Development of Service-Oriented Information Systems*

Elita Pakalnickiene, Lina Nemuraite and Bronius Paradauskas

*The Orderliness and Precision in Conceptual Modelling*

Andreas Veglis and Andreas Pomportsis

*Modeling Newspaper Information Workflow for Cross Media Publishing*

Mavina Pantazara, Elena Mantzari, Aristides Vagelatos, Chryssoula Kalamara, Christos Tsalidis and Anna Iordanidou

*Development of a Greek biomedical corpus*

**SESSION 23: Information Systems**

*Chairman:*

E. Gallopoulos

, Professor, Computer Engineering & Informatics Dept. - University of Patras

Manolis G. Vozalis and Konstantinos G. Margaritis

*A Recommender System using Principal Component Analysis*

Georgios N. Angelou, Anastastios A. and A. Economides

*Controlling Risks in ICT investments with Real Options thinking*

Fillia Makedon, Sheng Zhang, Zhengyi Le, James Ford and Euripides Loukis

*Providing Recommendations in an Open Collaboration System*

Maria Kontaki, Ioannis Karydis and Yannis Manolopoulos

**SESSION 24: Bioinformatics II**

Chairman:

S.Likothanassis

, Professor, Computer Engineering & Informatics Dept. - University of Patras, Director of Pattern Recognition Lab

Ioanna Stamatopoulou, Petros Kefalas and Marian Gheorghie

*ORERAS for Space: Formal Modelling of Autonomous Spacecrafts*

Ioanna Stamatopoulou, Petros Kefalas, George Eleftherakis

*Formal Modelling for In-silico Experiments with Social Insect Colonies*

Theodosios Theodosiou, Morfoula Fragkopoulou, Lefteris Angelis, Athena Vakali

*Assigning Gene Ontology terms to biotext by classification methods*

**SESSION 25: Students' Session 1**

Chairman:

T.S.Papatheodorou

, Professor, Conf. Chair, Head of Computer Engineering & Informatics Dept. - University of Patras

MARIA - PINELOPI CHRISANTHOPOULOU, Konstantinos Tsoukatos and Iordanis Koutsopoylos

*Beamforming, Power Control and Utility Maximization in Wireless Networks*

Kostas Tsimirikas and Panayotis Fouliras

*A Network Multimedia Application for Representation of Ancient Battles for Educational Purposes*

Konstantinos Tsinikos, Georgios Tsipis and Christos Georgiadis

*Modeling virtual enterprises: mobile agent and mobile web service approaches*

Chrysoula Kokkinidi and Christos Georgiadis

*Exploiting Web Services Technologies*

Konstantinos Fardelas

*Automatic recognition of violent scenes in video files, based on the audio information*

**SESSION 26: Students' Session 2**

Chairman:

I.Hatzilygeroudis

, Assistant Professor, Computer Engineering & Informatics Dept. - University of Patras

Stamatis Dragoumanos, Efrosini Sourla and Theodoros Papatheodorou

*An algorithm for dynamic downloading of 3D content*

Tina Andova and Iraklis Paraskakis

*Fuzzy Logic Expert System for Student Assessment*

Konstantinos Sfikas

*A Content-Based Image Indexing Scheme Using a SOM-Compressed Image Database*

Ioannis Askaroglou, Stylianos Tzikopoulos, Dimitrios Kosmopoulos and Sergios Theodoridis

*Extraction of Mid-Level Semantics from Gesture Videos using a Bayesian Network*

Ioannis Tsiombikas, Panagiotis Bamidis and Dimitris Dranidis

*X-Ray: Photorealistic Rendering System*

**SESSION 27: Students' Session 3**

Chairman:

H.Vergos

, Assistant Professor, Computer Engineering & Informatics Dept. - University of Patras

Marina Drosou

*Epe3ergasia kai dromologisi XML erotiseon se systimata omotimon komvon*

Fragkiskos Dimitrokallis and Konstantinos Tzonas

Kristijan Takasmanov and George Eleftherakis

*Secure Email Client*

Evangelatos Spiros, Dimitris Iakovidis and Dimitris Maroulis

*Jigsaw: Combining a two-phase search approach with an Image Distortion Model for content-based image retrieval*

Konstantinos Athanasakos

*A Content-Based Image Retrieval System Implemented on Java*

#### **SESSION 28: Students' Session 4**

*Chairman:*

C.Makris

, *Assistant Professor, Computer Engineering & Informatics Dept. - University of Patras*

Fotis Elianos

*GSM Telephony Substitute over Wireless Community Networks*

Valia Mitsou

*Distributed Leader Election Algorithms in Synchronous Ring Networks*

Vasil Popovski and Konstantinos Dimopoulos

*Control of a Robotic Manipulator using an Artificial Neural Network*

Apostolos Koutsikos

*Electric production and control of sound signals using SMA*

George Sielis and Michael Mpousios

*Adaptive Evolutionary Virtual Learning Environments for Students Evaluation*

#### **SESSION 29: Students' Session 5**

*Chairman:*

C.Bouras

, *Associate Professor, Computer Engineering & Informatics Dept. - University of Patras, RACTI*

Philip Stamatellis

*A platform for building e-commerce applications with personalization features*

Andreas Triantafylloy and Vassilios Mpelesiotis

*Proposal of a model on critique teaching in Mathematics. Implementation on issue of function*

Marios Vlachos

*Design and Implementation of an Online Secure Telemedicine System for Appointment Management between Doctor and Patient*

Marios Vlachos, Panagiotis Vlachos and Evangelos Dermatas

*Robust Finger Vein Pattern Extraction from Infrared Images*

#### **SESSION 30: Students' Session 6**

*Chairman:*

K.Vlachos

, *Assistant Professor, Computer Engineering & Informatics Dept. - University of Patras*

Vasileios-Aggelos Stefanidis and Marios Vlachos

*Design and Implementation of an Automatic Gain Control System for a Radio Receiver at 1.4-1.5 GHz*

Nikolaos Safouris, Sotirios Botsios and Dimitrios Georgiou

*Some Approaches in Learning Style Diagnosis*

Kostas Eftaxias

*Content Based Image Retrieval using Independent Component Analysis*

Anastasia Morfoutsikou

*Web page for the mountain club of Naoussa*

#### **SESSION 31: Students' Session 7**

*Chairman:*

E.Polychronopoulos

, Lecturer, Computer Engineering & Informatics Dept.- University of Patras

Magdalini Stravoravdi

*Eksagwgh Dedomenwn apo to Systhma tou Ethnikou Arxeiou Mnhmeiwn se morph XML*

Iakobos Papadopoulos

*Geometrical Solution of Linear Problems*

Christos Mettouris, John Garofalakis and Vasilios Stefanis

*Detection Of Users Position Based On Bluetooth Technology And Support Of M-Commerce Applications*

Nick Ploskas

*Software Development for conducting computation studies*

### **SESSION 32: Students' Session 8**

*Chairman:*

I.Caragiannis

, Lecturer, Computer Engineering & Informatics Dept.- University of Patras

Xristos Palaiologos, Sonia Kiparisi and Antonis Myron

*Informatics and ecology: Modeling and Simulation of evolution of population of disease affecting olive-trees*

Thimios Kostakis and Efstratios Gallopoulos

*The "88 Ntolmadakia" eigenvector and beyond: Link Analysis and Linear Algebra on children's books*

Anastasios Zouzias and Efstratios Gallopoulos

*From k-plane to Projective Clustering*

George Psomadellis

*Wireless Triple Play*