

Tuesday, 4 May 2010

	Amphitheatre	Lecture Hall	Meeting Room 1
09:30–11:00	EVENTS Workshop details	Tutorial: N-gram Graphs: A generic machine learning tool in the arsenal of NLP, Video Analysis and Adaptive Systems George Giannakopoulos , Trento University, Italy	Tutorial: Software management & engineering in AI-based projects Wieslaw Pietruszkiewicz , Technical Director at SDART Ltd (Manchester, UK)
11:00–11:30	Coffee Break (<i>First floor peristyle</i>)		
11:30–13:00	EVENTS Workshop (cont)	Tutorial (cont)	Tutorial (cont)
13:00–14:00	Lunch (<i>First floor peristyle</i>)		
14:00–15:30	EVENTS Workshop (cont)	Tutorial: An Introduction to Causal Discovery Ioannis Tsamardinos , University of Crete, Greece, Sofia Triantafyllou , ICS, Forth, Greece	Tutorial: Style-based Text Categorization Efstathios Stamatatos , University of the Aegean, Greece
15:30–16:00	Coffee Break (<i>First floor peristyle</i>)		
16:00–17:30	EVENTS Workshop (cont)	Tutorial (cont)	Tutorial (cont)

Wednesday, 5 May 2010

	Amphitheatre	Lecture Hall	Meeting Room 1	Second floor peristyle
09:00–09:30			Best Student Paper Award (I)	RoboCup preparations
09:30–11:00	Industrial Applications of AI (I)	EETN Member Papers (I)		
11:00–11:30	Coffee Break (<i>First floor peristyle</i>)			
11:30–13:00	Industrial Applications of AI (II)	EETN Member Papers (II)	Best Student Paper Award (II)	
13:00–14:00	Lunch (<i>First floor peristyle</i>)			
14:00–15:00	Keynote Talk: RoboCup – A Challenge Problem for Artificial Intelligence Michail G. Lagoudakis , assistant professor at the Technical University of Crete in Chania, Greece			
15:00–15:30				RoboCup tournament
15:30–16:00	Coffee Break (<i>First floor peristyle</i>)			
16:00–16:30				
16:30–18:00	EETN Assembly			
18:15–21:30	Opening Ceremony (<i>Amphitheatre</i>)			
	18:15–18:30 – Opening and Welcome address by Secretary-General for Research and Technology, Prof. Achilleas Mitsos – Welcome addresses			
	18:30–19:30 – Keynote Talk: Digital curation and digital cultural memory, Prof. Panos Constantopoulos , Athens University of Economics and Business, and "Athena" Research Centre, Greece			
	19:30–19:40 – Best student paper award,			

- RoboCup Tournament Awards
- 19:40–21:30
- Welcome Reception (Second floor peristyle)

Thursday, 6 May 2010

	Amphitheatre	Lecture Hall	Meeting Room 1
09:00–10:00	Keynote Talk: <i>Artificial life simulation of humans and lower animals: From biomechanics to intelligence</i> Prof. Demetri Terzopoulos , University of California, Los Angeles, USA		
10:00–11:00	Machine Learning – Session chair: G. Paliouras (1) Time does not always Buy Quality in Co-evolutionary Learning, Kalles Dimitris, Fykouras Ilias (2) Towards The Discovery of Reliable Biomarkers form Gene-Expression profiles: An Iterative Constraint Satisfaction Learning Approach, Potamias George, Koumakis Lefteris, Kanterakis Alexandros, Moustakis Vassilis		Optimization & Constraint Satisfaction – Session chair: I. Vlahavas (1) A Hybrid Ant Colony Optimization Algorithm for Solving the Ring Arc-Loading Problem, Bernardino Anabela Moreira, Bernardino Eugenia, Sanchez-Perez Juan Manuel, Gomez-Pulido Juan Antonio, Vega-Rodriguez Miguel Angel (2) Experimental study on a hybrid nature-inspired algorithm for financial portfolio optimization, Giannakouris Giorgos, Vassiliadis Vassilios, Dounias George
11:00–11:30	Coffee Break (<i>First floor peristyle</i>)		
11:30–12:00	Machine Learning (cont) (3) Prediction of Aircraft Aluminum Alloys Tensile Mechanical Properties Degradation using Support Vector Machines, Ampazis Nicholas, Alexopoulos Nikolaos		Optimization & Constraint Satisfaction (cont) (3) Conflict Directed Variable Selection Strategies for Constraint Satisfaction Problems, Balafoutis Thanasis, Stergiou Kostas
12:00–13:00		Quick Fire 1* – Session chair: G. Potamias	
13:00–16:00	Poster Session 1 (<i>First floor peristyle</i>)		
13:00–14:00	Lunch (<i>First floor peristyle</i>)		
14:00–15:30	Pattern Recognition – Session chair: B. Gatos (1) On the Approximation Capabilities of Hard Limiter Feedforward Neural Networks, Koutroumbas Konstantinos, Bakopoulos Yiannis (2) Mutual Information Measures for Subclass Error-Correcting Output Codes Classification, Arvanitopoulos Nikolaos, Bouzas Dimitrios, Tefas Anastasios (3) A sparse spatial linear regression model for fMRI data analysis, Oikonomou Vangelis, Blekas Konstantinos	Data Mining – Session chair: S. Perantonis (1) Skin Lesions Characterization Utilizing Clustering Algorithms, Tasoulis Sotiris, Doukas Charalampos, Maglogiannis Ilias, Plagianakos Vassilis (2) Mining for Mutually Exclusive Gene Expressions, Tzanis George, Vlahavas Ioannis (3) The Large Scale Artificial Intelligence Applications – An Analysis of AI-supported Estimation of OS Software Projects, Pietruszkiewicz Wieslaw, Dzega Dorota	Tutorial: Can computers understand what is happening? Alexander Artikis, George Paliouras & Anastasios Skarlatidis , NCSR Demokritos, Greece
15:30–16:00	Coffee Break (<i>First floor peristyle</i>)		
16:00–17:30	Machine Vision & Sensing – Session chair:	Knowledge Representation &	Tutorial (cont)

	<p>I. Maglogiannis (1) Visual tracking by adaptive Kalman filtering and mean shift, Karavasilis Vasileios, Nikou Christophoros, Likas Aristidis (2) Audio-visual fusion for detecting violent scenes in videos, Giannakopoulos Theodoros, Makris Alexandros, Kosmopoulos Dimitrios I., Perantonis Stavros, Theodoridis Sergios (3) Audio Features Selection for Automatic Height Estimation from Speech, Ganchev Todor D., Mporas Iosif, Fakotakis Nikos</p>	<p>Reasoning – Session chair: P. Peppas (1) Task-based Dependency Management for the Preservation of Digital Objects using Rules, Tzitzikas Yannis, Marketakis Yannis, Antoniou Grigoris (2) Associations between Constructive Models for Set Contraction, Giannopoulos Vasilis, Peppas Pavlos (3) Unsupervised recognition of ADLs, Dimitrov Todor, Pauli Josef, Naroska Edwin</p>	
20:30-24:00	Banquet Reception at the Mare Marina restaurant		

* Quick Fire 1

1. The Support of e-Learning Platform Management by The Extraction of Activity Features and Clustering, Dzega Dorota, Pietruszkiewicz Wieslaw
2. Mapping Cultural Metadata Schemas to CIDOC Conceptual Reference Model, Gergatsoulis Manolis, Bountouri Lina, Gaitanou Panorea, Papatheodorou Christos
3. A WSDL structure based approach for semantic categorization of web service elements, Kehagias Dionisis, Mavridou Efthimia, Giannoutakis Konstantinos, Tzovaras Dimitrios
4. Heuristic Rule Induction for Decision Making in Near-Deterministic Domains, Korokithakis Stavros, Lagoudakis Michail G.
5. A Machine Learning-based Evaluation Method for Machine Translation, Kotani Katsunori, Yoshimi Takehiko
6. Feature Selection for Improved Phone Duration Modeling of Greek Emotional Speech, Lazaridis Alexandros, Ganchev Todor D., Mporas Iosif, Kostoulas Theodoros, Fakotakis Nikos
7. A Market-Affected Sealed-Bid Auction Protocol, Lindner Claudia
8. A Stochastic Greek-to-Greeklish Transcriber Modeled By Real User Data, Lyras Dimitrios, Kotinas Elias, Sgarbas Kyriakos N., Fakotakis Nikos
9. Reducing Impact of Conflicting Data in DDFS by Using Second Order Knowledge, Marchetti Luca, Iocchi Luca
10. Virtual Simulation of Cultural Heritage Works using Haptic Interaction, Moustakas Konstantinos, Tzovaras Dimitrios
11. A Collaborative Approach for Sentiment Analysis, Rentoumi Vassiliki, Petrakis Stefanos, Karkaletsis Vangelis, Klenner Manfred, Vouros George
12. A Multi-Agent Simulation Framework for Emergency Evacuations Incorporating Personality and Emotions, Zoumpoulaki Alexia, Avradinis Nikos, Vosinakis Spyros

Friday, 7 May 2010

	Amphitheatre	Lecture Hall	Meeting Room 1	Second floor peristyle
09:00-10:00	<p>Keynote Talk: <i>Robots, Natural Language, Social Networks, and Art</i> Dr. Nikolaos Mavridis, Asst. Professor, UAEU CIT, Director, Interactive Robots and Media Laboratory, UAEU, PhD, Massachusetts Institute of Technology, USA</p>			<p>Humanoid Robots Demonstration</p>
10:00-11:00	<p>Text Classification – Session chair: K. Pastra (1) An extension of the Aspect PLSA Model to Active and Semi-supervised Learning for Text Classification, Krithara Anastasia, Amini Massih-Reza,</p>		<p>Description Logics – Session chair: P. Kefalas (1) Trends and Issues in Description Logics Frameworks for Image Interpretation, Dasiopoulou Stamatia, Kompatsiaris Yiannis</p>	

	Goutte Cyril, Renders Jean-Michel (2) Scalable Semantic Annotation of Text Using Lexical and Web Resources , Zavitsanos Elias, Tsatsaronis George, Varlamis Iraklis, Paliouras Georgios		(2) A Reasoning Framework for Ambient Intelligence , Patkos Theodore, Chrysakis Ioannis, Bikakis Antonis, Plexousakis Dimitris, Antoniou Grigoris
11:00-11:30	Coffee Break (<i>First floor peristyle</i>)		
11:30-12:00	Panel Discussion: Research data & their sharing		Description Logics (cont) – Session chair: N. Mavridis (3) Semantic Awareness in Automated Web Service Composition through Planning , Hatzi Ourania, Vrakas Dimitris, Bassiliades Nick, Anagnostopoulos Dimosthenis, Vlahavas Ioannis
12:00-13:00		Quick Fire 2** – Session chair: G. Vouros	
13:00-14:00	Lunch (<i>First floor peristyle</i>)		
13:00-16:00	Poster Session 2 (<i>First floor</i>)		
14:00-15:30	Intelligent System Demonstrations – Session chair: S. Konstantopoulos (<i>First floor</i>): (1) K. Pastra, P. Dimitrakis, E. Balta, and G. Karakatsiotis, PRAXICON and its automatic population modules (2) Dimitrios Sklavakis and Ioannis Refanidis, MATHESIS: A Web Based Intelligent Tutoring School for Algebra (3) John Zakos and Liesl Capper, MyCyberTwin: An Artificial Intelligence Platform for the Creation of Chat Robots (4) Vangelis Karkaletsis, Dimitris Bilidas, Athanasios Tegos, Ion Androutopoulos, Gerasimos Lampouras, Dimitrios Galanis, Prodromos Malakasiotis, Panos Trahanias, Haris Baltzakis, Maria Pateraki, Colin Matheson, Olivier Deroo, Wolfram Burgard, and Boris Lau, Natural Interaction with Personality and Dialogue Enabled Robots		
14:00-15:00	Text Understanding – Session chair: N. Fakotakis (1) A Feasibility Study on Low Level Techniques for Improving Parsing Accuracy for Spanish Using Maltparser, Ballesteros Miguel, Herrera Jesus, Francisco Virginia, Gervas Pablo (2) Unsupervised Web Name Disambiguation Using Semantic Similarity and Single-pass Clustering, Iosif Elias	Multi-Agent Systems – Session chair: N. Bassiliades (1) EMERALD: A Multi-Agent System for Knowledge-based Reasoning Interoperability in the Semantic Web, Kravari Kalliopim, Kontopoulos Efstratios, Bassiliades Nick (2) Designing Trading Agents for Real-world Auctions, Vetsikas Ioannis, Jennings Nicholas	Humanoid Robots Demonstration
15:30-16:00	Coffee Break (<i>First floor peristyle</i>)		
16:00-16:30	Closing Ceremony		

**** Quick Fire 2**

1. A Gene Expression Programming Environment for Fatigue Modeling of Composite Materials, Antoniou Maria, Georgopoulos Efstratios, Theofilatos Konstantinos, Vasilopoulos Anastasios, Likothanassis Spyridon
2. A Hybrid DE Algorithm with a Multiple Strategy for Solving the Terminal Assignment Problem, Bernardino Eugenia, Bernardino Anabela Moreira, Sanchez-Perez Juan Manuel, Gomez-Pulido Juan Antonio, Vega-Rodriguez Miguel Angel
3. Event Detection and Classification in Video Surveillance Sequences, Chasanis Vasileios, Likas Aristidis

4. Genetic Algorithm Solution to Optimal Sizing Problem of Small Autonomous Hybrid Power Systems, Katsigiannis Yiannis, Georgilakis Pavlos, Karapidakis Emmanuel
5. Behavior recognition from multiple views using fused Hidden Markov Models, Kosmopoulos Dimitrios I., Voulodimos Athanasios, Varvarigou Theodora
6. Face Detection using Particle Swarm Optimization and Support Vector Machines, Marami Ermioni, Tefas Anastasios
7. Towards Intelligent Management of a Student's Time, Moka Evangelia, Refanidis Ioannis A.
8. Ethnicity as a factor for the estimation of the risk for preeclampsia: A neural network approach, Neocleous Costas, Nikolaides Kypros, Harris Birthright, Neokleous Kleanthis, Schizas Christos
9. A multi-class method for detecting audio events in news broadcasts, Petridis Sergios, Giannakopoulos Theodoros, Perantonis Stavros
10. Flexible Management of Large-Scale Integer Domains in CSPs, Pothitos Nikolaos, Stamatopoulos Panagiotis
11. Minimax Search and Reinforcement Learning for Adversarial Tetris, Rovatsou Maria, Lagoudakis Michail G.