

08/06/2006 12:29

day	date	Title
MONDAY 26th	17h-19h	Registration

day	date	session	Title	authors
T U E S D A Y 27th	7h30-8h30		Registration	
	8h30-9h	Opening session	IEA AIE 2006	
	9h-10h		Keynote Speaker: Fausto Giunchiglia	
	10h-10h30		Coffee break 1	
	10h30-11h	Heuristic search	Search Space Reduction as a Tool for Achieving Intensification and Diversification in Ant Colony Optimization	Marcus Randall
	11h-11h30		Truck Dock Assignment Problem with Operational Time Constraint within Crossdocks	Andrew Lim
	11h30-12h		A Hybrid Genetic Algorithm for Solving the Length-Balanced Two Arc-Disjoint Shortest Paths Problem	Yanzhi Li
	10h30-11h	Multi-Agent Systems	Modelling and Multi-Agent Specification of IF-based Distributed Goal Ontologies	Nacima Mellal
	11h-11h30		Agent-Based Approach to Solving Difficult Scheduling Problems	Joanna Jedrzejowicz
	11h30-12h		Development of the Multiple Robot Fish Cooperation System	Jinyan Shao
	10h30-11h	Case-based reasoning	Prediction of Construction Litigation Outcome. A Case-Based Reasoning Approach	K.W. Chau
	11h-11h30		Component Retrieval Using Knowledge-Intensive Conversational CBR	Mingyang Gu
	11h30-12h		Identification of Characteristics after Soft Breakdown with GA-based Neural Networks	Hsing-Wen Wang
	10h30-11h	Data-Mining and Knowledge Discovery	Topic Detection Using MFSs	Ivan Yap
	11h-11h30		A Rule Sets Ensemble for Predicting MHC II-Binding Peptides	Zeng An
	11h30-12h		Constructing Complete FP-Tree for Incremental Mining of Frequent Patterns in Dynamic Databases	Muhamenul Adnan
	12h15-13h30		Lunch break	
	13h30-14h	Special session : Data for Discovery in Engineering	Partially Ordered Template-Based Matching Algorithm for Financial Time Series	Yin Tang
	14h-14h30		Model and Algebra for Genetic Information of Data	Deyou Tang
	14h30-15h		Forecasting Intermittent Demand by Fuzzy Support Vector Machines	Yukun Bao
	13h30-14h	Decision-support	Simulation Analysis for On-demand Transport Vehicles Based on Game Theory	Naoto Mukai
	14h-14h30		Comparison of Two Context-based Formalisms of Representation	Patrick Brézillon
	14h30-15h		A set Theoric View of the ISA Hierarchy	Ana salagean
	15h-15h30		Some characteristics of Context	Patrick Brézillon
	13h30-14h	Model-based reasoning	Diagnosing Program Errors with Light-Weighted Specifications	Rong Chen
	14h-14h30		Diagnosis of Power System Protection	Rui D. Jorge
	14h30-15h		Towards Lightweight Fault Localization in Procedural Programs	B. Peischl
	13h30-14h	Knowledge engineering	Integrating Organizational Knowledge into Search Engine	Hiroshi Tsuji
	14h-14h30		Ontology for Long-Term Knowledge	A. Dourgnon-Hanoune
	14h30-15h		Introducing Graph-based Reasoning into a Knowledge Management Tool: an Industrial Case	Olivier Carloni
	15h-15h30		Retaining Consistency in Temporal Knowledge Bases	Franz Wotawa
	15h30-16h		Coffee break 2	
	16h-16h30	Planning and scheduling	An Optimal Method for Multiple Observers Sitting on Terrain Based on Improved Simulated Annealing Techniques	Pin Lv
	16h30-17h		An on-line Approach for Planning in Time-limited Situations	Oscar Sapena
	17h-17h30		Priority-Constrained Task Sequencing for Heterogeneous Mobile Robots	Metin Ozkan
	16h-16h30	Speech recognition	On Adaptively Learning HMM-based Classifiers Using Split-Merge Operations	Sang-Woon Kim
16h30-17h	Comparative Study: HMM & SVM for Automatic Articulatory Feature Extraction		Supphanat Kanokphara	
17h-17h30	A Study on High-Order Hidden Markov Models and Applications to Speech Recognition		Lee-Min Lee	
17h30-18h		Diagnostic Evaluation of Phonetic Feature Extraction Engines: A Case Study with the Time Map Model	Daniel Aioanei	
16h-16h30	Genetic Algorithms	Crew Pairing Optimization by a Genetic Algorithm with Unexpressed Genes	Taejin Park	
16h30-17h		A Combination Genetic Algorithm with Applications on Capital Allocation	Jiah-Shing Chen	
17h-17h30		Genetic Algorithm-based Improvement of Robot Hearing Capabilities in Separating and Recognizing Simultaneous Speech Signals	Shunichi Yamamoto	
17h30-18h		A Hybrid Genetic Algorithm for the Flow-Shop Scheduling Problem	Lin-Yu Tseng	
16h-16h30	Special session: Intelligent Systems for Industry	Genetic Algorithm for Inventory Lot-sizing with Supplier Selection under Fuzzy Demand and Costs	Jafar Rezaei	
16h30-17h		A Self-Tuning Emergency Model of Home Network Environment	Huey-Ming Lee	
17h-17h30		Simulation Studies of Two-layer Hopfield Neural Networks for Automatic Wafer Defect Inspection	Chuan-Yu Chang	
17h30-18h		Supporting Dynamic Supply Networks with Agent-based Coalitions	Chattrakul Sombattheera	
18h-19h		Free		
19h-20h		Welcome reception		

W E D N E S D A Y 28th	8h-9h	Registration			
	9h-10h		Keynote Speaker: Eric Sandewall		
	10h-10h30	Coffee break 3			
	10h30-11h	Multi-Agent Systems	Workflow Interoperability via Progressive Linking by Run-Time Agents		Xi Chen
	11h-11h30		Introducing Social Investors into Multi-Agent Models of Financial Markets		Stephen Chen
	11h30-12h		Comparison and Analysis of Expertness Measure in Knowledge Sharing among Robots		Panrasee Ritthipravat
	10h30-11h	Planning and scheduling	SEaM: Analyzing Schedule Executability through Simulation		Riccardo Rasconi
	11h-11h30		New Heuristics to Solve the "CSOP" Railway Timetabling Problem		L. Ingolotti
	11h30-12h		From Demo to Practice The MEXAR path to space Operations		Nicola Policella
	10h30-11h	Genetic Algorithms	A Hybrid Robot Control System Based On Soft Computing Techniques		Alfons Schuster
	11h-11h30		Creating Guitar Tablature with LHF Notation via DGA and ANN		Daniel R. Tuohy
	11h30-12h				
	10h30-11h	Special session : Bioinformatics	Correlogram-based method for comparing biological sequences		Debasis Mitra
	11h-11h30		Learning Genetic Regulatory Network Connectivity from Time Series Data		Nathan Barker
	11h30-12h		On Clustering of Genes		Raja Loganantharaj
	12h15-13h30	Lunch			
	13h30-14h	Data-Mining and Knowledge Discovery	Evaluating interestingness measures with linear correlation graph		Xuan-Hiep Huynh
	14h-14h30		Extended Another Memory: Understanding Everyday Lives in Ubiquitous Sensor Environments		Masakatsu Ohta
	14h30-15h		Incremental Clustering of Newsgroup Articles		Sascha Hennig
	13h30-14h	Engineering applications	Unidirectional Loop Layout Problem with Balanced Flow		Feristah Ozcelik
	14h-14h30		An Elaborated Goal Production Module for Implementing a Virtual Inhabitant		Se-Jin Ji
	14h30-15h		Modeling pH Neutralization Process via Support Vector Machines		Dongwon Kim
	13h30-14h	Human interactions	On-line Learning of a Time Variant System		Fernando Morgado Dias
	14h-14h30		Elaborating the context of interactions in a tutorial dialog		Josephine Pelle
	14h30-15h		An Unsupervised Method for Ranking Translation Words Using a Bilingual Dictionary and WordNet		Kweon Yang Kim
	13h30-14h	Fuzzy Logic	A New Method for Appraising the Performance of High School Teachers Based on Fuzzy Number Arithmetic Operations		Chih-Huang Wang
	14h-14h30		New Methods for Evaluating the Answerscripts of Students Using Fuzzy Sets		Hui-Yu Wang
	14h30-15h		Genetic Lateral and Amplitude Tuning with Rule Selection for Fuzzy Control of Heating, Ventilating and Air Conditioning Systems		R. Alcalá
	15h-15h30	Coffee break 4			
	15h30-16h	Decision-support	Signal and Image Representation-Based Hybrid Intelligent Diagnosis Approach for a Biomedecine Application		Amine Chohra
	16h-16h30		Distribution System Evaluation Algorithm using Analytic Hierarchy		Buhm Lee
	16h30-17h		Handling Airport Ground Processes based on Resource-Constrained Project Scheduling		Jürgen Kuster
17h-17h30		Evaluation of Several Algorithms in Forecasting Flood		C.L. Wu	
15h30-16h	Special session on Bioinformatics	Bioinformatics Integration Framework for Metabolic Pathway Data-Mining		Arredondo V. Tomas	
16h-16h30		The Probability Distribution of Distance TSS-TLS is Organism Characteristic and Can be Used for Promoter Prediction		Yun Dai	
16h30-17h		Protein Stability Engineering in Staphylococcal Nuclease Using an AI-Neural Network Hybrid System and a Genetic Algorithm		Christopher M. Frenz	
17h-17h30		Identification of Over and Under Expressed Genes Mediating Allergic Asthma		Rajat K. De	
15h30-16h	Special session: Intelligent Systems for Industry	Planning for Intra-block Remarshalling in a Container Terminal		Jaeho Kang	
16h-16h30		Application of an Intuitive Novelty Metric for Jet Engine Condition Monitoring		David A. Clifton	
16h30-17h		Determination of Storage Locations for Incoming Containers of Uncertain Weight		Jaeho Kang	
17h-17h30		Fault Diagnostics in Electric Drives Using Machine Learning		Yi Lu Murphey	
15h30-16h	Multi-Agent Systems	Multi-Agent Realization of Prediction-based Diagnosis and Loss Prevention		Rosalía Lakner	
16h-16h30		Emergence of Cooperation through Mutual Preference Revision		Pedro Santana	
16h30-17h		Running Contracts with Defeasible Commitments		Ioan Alfred Letia	
17h-17h30		A self-organized Energetic Constraint-based Approach for Modelling Communication in Wireless Systems		Jean-Paul Jamont	
17h30-18h30	ISAI meeting (Moonis Ali)				

	8h-9h	Registration		
	9h-10h		Keynote Speaker: Sylviane Gentil	
	10h-10h30	Coffee break 5		
	10h30-11h	Special session : Applications of Data Mining	Handling Incomplete Categorical Data for Supervised Learning	Been-Chian Chien
	11h-11h30		New Methods for Text Categorization Based on A New Feature Selection Method and A New Similarity Measure between Documents	Li-Wei Lee
	11h30-12h		A measure for data set editing by ordered projections	Jesus S. Aguilar-Ruiz
	10h30-11h	Fuzzy logic	Fuzzy Motivations for Evolutionary Behavior Learning by a Mobile Robot	Tomas Arredondo V.
	11h-11h30		Optimization of Self-Organizing Fuzzy Polynomial Neural Networks with the Aid of Granular Computing and Evolutionary Algorithm	Ho-Sung Park
	11h30-12h		Fuzzy Clustering-based on Aggregate Attribute Method	Jia-Wen Wang
	10h30-11h	Special session: Ontology and text	Lexical and Conceptual Structures in Ontology	Christophe Roche
	11h-11h30		Discovering verb relations in corpora: distributional versus non-distributional approaches	Maria Teresa Pazienza
	11h30-12h		Towards Automatic Concept Hierarchy Generation for Specific Knowledge Network	Jian-hua Yeh
	10h30-11h	Computer Vision	Automatic Gait Recognition by Multi-Projection Analysis	M. Ekinci
	11h-11h30		A Novel Image Retrieval Approach Combining Multiple Features of Color-connected Regions	Y. Yang, S. Chen, Y. Zhang
	11h30-12h		An Application of Random and Hammersley Sampling Methods to Iris Recognition	L.E. Garza Castanon
	12h15-13h30	Lunch		
	13h30-14h	Special session: Ontology and text	An open and scalable framework for enriching ontologies with natural language content	Maria Teresa Pazienza
	14h-14h30		Modelling knowledge with ZDoc for the purposes of information retrieval	H. Zingle
	14h30-15h		Acquiring an Ontology from the Text. A legal case study.	Nuria Casellas
	15h-15h30		Method and Integration Process for Legal Ontology Building	Sylvie Despres
	15h30-16h		An Approach to Automatic Ontology-based Annotation of Biomedical Texts	Gayo Diallo
	13h30-14h	Systems for real life applications	Soft Computing for Assessing the Quality of Colour Prints	Antanas Verikas
	14h-14h30		An Efficient Shortest Path Computation System for Real Road Networks	Zhenyu Wang
	14h30-15h		Automatic Topics Identification For Reviewer Assignment	S. Ferilli
	15h-15h30		A Decentralized Calendar System Featuring Sharing, Trusting and Negotiating	Yves Demazeau
	13h30-14h	Special session : Applications of Data Mining	Text Mining with Application to Engineering Diagnostics	Liping Huang
	14h-14h30		An Ontology-based Intelligent Agent for Respiratory Waveform Classification	Chang-Shing Lee
	14h30-15h		A New Inductive Learning Method for Multilabel Text Categorization	Yu-Chuan Chang
	15h-15h30		A Novel Mining Algorithm for Periodic Clustering Sequential Patterns	Che-Lun Hung
	13h30-14h	Heuristic Search	A Fast and Effective Insertion Algorithm for Multi-Depot Vehicle Routing Problem with Fixed Distribution of Vehicles and A new Simulated Annealing Approach	Andrew Lim
	14h-14h30		On the Behaviour of Extremal Optimisation when Solving Problems with Hidden Dynamics	Irene Moser
	14h30-15h		Local search algorithm for unicost set covering problem	Nysret Musliu
	15h-15h30		A Heuristic Load Balancing Scheduling Method for Dedicated Machine Constraint	Arthur M.D. Shr
	15h30-16h	Coffee break 6		
		Castle visit + Gala Dinner		

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29th

	8h-9h	Registration		
	9h-10h		Keynote Speaker: Trevor Martin	
	10h-10h30	Coffee break 7		
	10h30-11h	Computer Vision	Biometric-iris Random Key Generator Using Generalized Regression Neural Networks	Luis E. Garza Casta
	11h-11h30		Head Detection and Tracking for the Car Occupant's Pose Recognition	Jeong-Eom Lee
	11h30-12h		Recurrent Neural Network Verifier for Face Detection and Tracking	Sung H. Yoon
	10h30-11h	Special session: Intelligent Systems for Industry	An Integrated and Flexible Architecture for Planning and Scheduling	A. Garrido
	11h-11h30		A Robust RFID-Based Method for Precise Indoor Positioning	A. Lim
	11h30-12h		A Study of Optimal System for Multiple-Constraint Multiple-Container Packing Problems	Jin-Ling Lin
	10h30-11h	Special session on Intelligent Control Systems	An Adaptive Control using Multiple Neural Networks for the Variable Displacement Pump	Ming-Hui Chu
	11h-11h30		Nonlinear Discrete System Stabilisation by an Evolutionary Neural Network	Wasan Srikasam
	11h30-12h		Diagnosing Faulty Transitions in Recommender User Interface Descriptions	Alexander Felfernig
	10h30-11h	Applications	High-Dimensional Micro-array Data Classification using Minimum Description Length and Domain Expert Knowledge	Andrea Bosin
	11h-11h30		On Solving Edge Detection by Emergence	M. Batouche
	11h30-12h		Clustering Microarray Data within Amorphous Computing Paradigm and Growing Neural Gas Algorithm	S. Chelloug
	12h15-13h30	Lunch		
	13h30-14h	Applications	Generating Tutoring Feedback in an Intelligent Training System on a Robotic Simulator	Roger Nkambou
	14h-14h30		Conflict-directed relaxation of constraints in content-based recommender systems	Dietmar Jannach
	14h30-15h		Intelligent GIS: Automatic Generation of Qualitative Spatial Information	Jimmy A. Lee
	15h-15h30		Agent-based Prototyping of Web-based Systems	Aneesh Krishna
	15h30-16h		Static Clonal Selection Algorithm based on Match Range Model	Jungan Chen
	13h30-14h	Special session: Applications of Data Mining	Software Diagnosis Using Fuzzified Attribute Base on Modified MEPA	Jr-Shian Chen
	14h-14h30		An Intelligent Customer Retention System	Bong-Hong Chu
	14h30-15h		Mining Multiple-level Association Rules under the Maximum Constraint of Multiple Minimum Supports	Yeong-Chyi Lee
	15h-15h30		Using Positive Region to Reduce the Computational Complexity of Discernibility Matrix Method	Feng Honghai
	13h30-14h	Machine learning	Locality-Convolution Kernel and Its Application to Dependency Parse Ranking	Evgeni Tsivtsivadze
	14h-14h30		Intrusion Detection Based on Behaviour Mining and Machine Learning Techniques	Srinivas Mukkamala
	14h30-15h		Tractable Feature Generation through Description Logics with Value and Number Restrictions	Nicola Fanizzi
	13h30-14h	Special session: Intelligent Systems for Industry	Reducing Transportation Costs in Distribution Networks	Xi Li
	14h-14h30		Develop Acceleration Strategy and Estimation Mechanism for Multi-issue Negotiation	Hsin Rau
	14h30-15h		Least Squares Support Vector Machines for Bandwidth Reservation in Wireless IP Networks	Jerzy Martina
	15h-15h30		Neuro-Fuzzy Learning for Automated Incident Detection	M. Viswanathan
	15h30-16h	Coffe break 8		
	16h-17h	Best paper award		

F R I D A Y

30th