

MONDAY 28 SEPTEMBER

	G103	G104	G106	G110
8:00 - 9:00	CONFERENCE REGISTRATION			
9:00 - 09:40	CONFERENCE OPENING - ROOM: GORBEA AUDITORIUM			
09:40 - 10:30	Modeling & Simulating Empires: Toward a Game World Generator - Barry G. Silverman - ROOM: GORBEA AUDITORIUM			
10:30 - 11:00	COFFEE BREAK			
11:10 - 12:50	<p>(G09) Knowledge Management, Ontologies and Data Mining - PART I (5)</p> <p>K09gen-016 - A Non-Sequential Representation of Sequential Data for Churn Prediction</p> <p>K09gen-024 - Automatic Extraction of Hyponym-Hyponymy Lexical Relations between Nouns from a Spanish Dictionary</p> <p>K09gen-027 - WIEGA: Statistical Tests for Finding Interesting Visualizations</p> <p>K09gen-028 - Degree of Association between Documents using Association Mechanism</p>	<p>(G06) Knowledge Based and Expert Systems (6)</p> <p>K09gen-004 - A Method of Emotion Judgment based on the Relationship between Speaker and Actor</p> <p>K09gen-018 - Multi Criteria Decision Making in Fuzzy Description Logics: A First Step</p> <p>K09gen-022 - A hybrid system combining description logics and rules for inventive design</p> <p>K09gen-040 Domain modeling based on Engineering Standards</p> <p>K09gen-070 - A Concept of Knowledge Based System for Minimum Rectangle Nesting</p>	<p>(S08) Advanced Information System for Supporting Personal Activity (5)</p> <p>(S08) Design and Implementation of an Optimal Radio Access Network Selection Algorithm Using Mutually Connected Neural Networks</p> <p>M.Hosogawa, T.Takeda, H.Harada (Tokyo Univ. of Science)</p> <p>(S08) Probabilistic Estimation of Travel Behaviors Using Zone Characteristics</p> <p>M.Takamiya, K.Yamamoto, T.Watanabe (Nagoya Univ.)</p> <p>(S08) Sketch Learning Environment for Human Body Figure by Initiative Drawing</p> <p>M.Soga, T.Fukuda, H.Taki (Wakayama Univ.)</p> <p>(S08) Face Image Annotation in Impressive Words by Integrating Latent Semantic Spaces and Rules</p> <p>H.Ito, Y.Kawai, H.Koshimizu (Chukyo Univ.)</p> <p>(S08) A Web-based Approach for Automatic Composition of an Insightful Slideshow for Personal Photographs</p> <p>K.Yatsugi, N.Fujimura, T.Ushizima (Kyushu Univ.)</p>	<p>(WS01) Reasoning-Based Intelligent Systems - PART I (5)</p> <p>K09s-007 - Deriving Electrical Dependencies from Circuit Topologies Using Logic Grammar</p> <p>K09s-013 - A Fast Nearest Neighbor Method Using Empirical Marginal Distribution</p> <p>K09s-015 - Effects of Kurtosis for the Error Rate Estimators Using Resampling Methods in Two Class Discrimination</p> <p>K09s-017 - Reasoning about external environment from Web sources</p> <p>K09s-053 - An Agent Control Method Based on Variable Neighborhoods</p>
13:00 - 14:00	LUNCH - CAFETERIA			
14:10 - 15:00	Biometrics and intelligent video surveillance: detection, tracking and identification Claudio Perez - FUENZALIDA AUDITORIUM			
15:00 - 15:30	COFFEE BREAK			
15:30 - 18:00	<p>(G09) Knowledge Management, Ontologies and Data Mining - PART II (5)</p> <p>K09gen-023 - Diagnostics-based Knowledge Acquisition? A case study</p> <p>K09gen-035 - Parallel Method for Mining High Utility Items from Vertical Distributed Databases</p> <p>K09gen-045 - An Ontology-based Autonomic System for Improving Data warehouse performances</p> <p>K09gen-072 - Semantic enhancement of the Course Curriculum Design process</p> <p>K09gen-078 - Semantic annotation of medical articles</p> <p>K09gen-029 - Ontology-based concept indexing of images</p>	<p>(S11) Social Networks (8)</p> <p>K09s-039 - Mining Influential Bloggers: from General to Domain Specific</p> <p>K09s-056 - Efficiency of Node Position Calculation in Social Networks</p> <p>K09s-065 - Time Series Analysis of R&D Team using Patent Information</p> <p>K09s-060 - Extracting Research Communities by Improved Maximum Flow Algorithm</p> <p>K09s-065 - Discovering Networks for Global Propagation of Influenza A (H5N1) Viruses by Clustering</p> <p>K09s-081 - Virtual Communities of Practice? Purpose Evolution Analysis using a Concept-based Mining Approach</p>	<p>(G10) Web Intelligence, Text and Multimedia Mining and Retrieval (5)</p> <p>K09gen-012 - Building decision trees to identify the intent of a user query</p> <p>K09s-065 - Designing and Implementing a Methodology for Identifying Website Key-objects</p> <p>K09gen-089 - NLP Contribution to the Semantic Web: Linking the Term to the Concept</p> <p>K09gen-073 - An Intelligent Automatic Hoax Detection System</p> <p>K09gen-081 - Web User Session Reconstruction With Back Button Browsing</p>	<p>(WS01) Reasoning-Based Intelligent Systems - PART II (5)</p> <p>K09s-069 - Cournoter, a Data Mining Based Time Estimation for Software Maintenance</p> <p>K09s-072 - An Integrated Knowledge Adaptation Framework for Case-based Reasoning Systems</p> <p>K09s-100 - A Logical Anticipatory System of Before-After Relation based on BR-EVAL-FPM</p> <p>K09s-110 - A Note on Monadic Curry System P1</p> <p>K09gen-010 - A Knowledge Based Formal Language for Securing Information Systems</p>
19:30	CONFERENCE COCKTAIL - IGLESIA DE SAN FRANCISCO			

TUESDAY 29 SEPTEMBER

	G103	G104	G106	G110
8:00 - 9:00	CONFERENCE REGISTRATION			
9:00 - 9:50	Learning Automata-Bases Intelligent Tutorial-Like Systems -John Oommen - ROOM: FUENZALIDA AUDITORIUM			
9:50 - 10:20	COFFEE BREAK			
10:20 - 12:00	<p>(S03) Intelligent Technology Approach to management Engineering - Part I (5)</p> <p>(S03) K09s-023 A Hybrid Method of Biological Computation and Genetic Algorithms for Resolving Process-Focused Scheduling Problems</p> <p>(S03) K09s-026 Searching Cliques in a Fuzzy Graph Based on an Evolutionary and Biological Method</p> <p>(S03) K09s-025 A Biologically Intelligent Encoding Approach to a Hierarchical Classification of Relational Elements in a Digraph</p> <p>(S03) K09s-025 A Bio-Inspired Evolutionary Approach to Identifying Minimal Length Decision Rules in Kernel Engineering</p> <p>(S03) K09s-027 Determining Workstation Groups in a Fixed Factory Facility Based on Biological Computation</p>	<p>(G08) Intelligent Vision and Image Processing (5)</p> <p>(G08) K09gen-034 A new wavelet-fractal image compression method</p> <p>(G08) K09gen-042 Urban Vehicle Tracking using a Combined 3D Model Detector and Classifier</p> <p>(G08) K09gen-055 UBIA5 ? type Cognitive Systems for Medical Pattern Interpretation</p> <p>(G08) K09gen-075 A New Selective Confidence Measure-Based Approach for Stereo Matching</p> <p>(G08) K09gen-084 Image content analysis for cardiac 3D visualizations</p>	<p>(S07) Knowledge Technology in Learning Support (5) - Part I</p> <p>(S07) Organization of Solution Knowledge Graph from Collaborative Learning Records</p> <p>Y.Watanabe, T.Kojiri, T.Watanabe (Nagoya Univ.)</p> <p>(S07) Algorithms for Extracting Topic across Different Types of Documents</p> <p>S.Nakamura, S.Chiba, H.Shira, H.Kaminaga, S.Yokoyama, Y.Miyadera (Fukuoka Univ. Tokyo Gakugei Univ.)</p> <p>(S07) Effectiveness of Knowledge Management Support System for the Document Management of the Case Collection Based on TRIZ Theory</p> <p>H.Kunimune, K.Yokoyama, T.Takizawa, Y.Fuwa (Shizuoka Univ.)</p> <p>(S07) The Relationship between the Learning Styles of the Students and their e-Learning Course Adaptability</p> <p>K.Nishino, H.Toya, S.Miura, K.Aoki, Y.Fukushima</p>	<p>(IS02) Advanced Knowledge-based Systems - Part I (5)</p> <p>(IS02) K09s-037 An Integrated Intelligent System for Estimating and Updating a Large-size Matrix</p> <p>(IS02) K09s-042 Context-Aware User and Service Profiling by means of Generalized Association Rules</p> <p>(IS02) K09s-044 An FTL tool based on semantic analysis of schemata and instance</p> <p>(IS02) K09s-047 Path Planning Knowledge Modeling for a Generic Autonomous Robot: A Study Case</p> <p>(IS02) K09s-048 System Models for Goal-Driven Self-Management in Autonomic Databases</p>
12:10 - 12:50	New methods for processing huge amount of data from linear systems Hugo Scolnik - FUENZALIDA AUDITORIUM			
13:00 - 14:00	LUNCH - CAFETERIA			
14:10 - 15:50	<p>(S03) Intelligent Technology Approach to management Engineering - Part II</p> <p>(S03) K09s-028 A Fuzzy Risk Assessment in Software Development Defuzzified by Signed Distance (FIMWA)</p> <p>(S03) K09s-038 Particle swarm optimization for multi-function worker assignment problem</p> <p>(S03) K09s-118 Evidential Reasoning Based on DNA Computing</p> <p>(S03) K09s-119 Dynamic Tackling System Using Prediction Formula and Parzen Particle Filter</p>	<p>Graph Analysis (WS02) Intelligent Analysis of Images and Videos (IAMV 2009) (4)</p> <p>(WS02) K09s-001 Tolerance Classes in Measuring Image Resemblance</p> <p>(WS02) K09s-002 Capillary Blood Vessel Tortuosity Measurement using</p> <p>(WS02) K09s-018 Image Features Based on Local Rough Transforms</p> <p>(WS02) K09s-108 Capillary Abnormalities Detection using Vessel Thickness and Curvature Analysis</p>	<p>(S07) Knowledge Technology in Learning Support (2) - Part II & Other Advanced Knowledge-based Systems (2)</p> <p>(S07) Vocabulary Learning Environment with Collaborative Filtering for the Support of Self-Regulated Learning</p> <p>M.Yamada, S.Kikamura, S.Miyahara, Y.Yamauchi (Univ. of Tokyo)</p> <p>(S07) Online Collaboration Support Tools for Project-based Learning on Embedded Software Design</p> <p>T.Ikawa and other</p> <p>(S07) Implementation of Wireless Sensor System and Interface for Agricultural Use</p> <p>I.Kobata, T.Maeda, H.Mimeno, T.Mizuno (Shizuoka Univ.)</p> <p>(G01) K09gen-066 Fast Identification of Important Information in DNA Sequence by using High Time Delay Speed Neural Networks</p> <p>(G04) K09gen-040 Consistency-based feature selection</p>	<p>(IS02) Advanced Knowledge-based Systems - Part II (1) - (G02) Fuzzy and Neuro-Fuzzy Systems (1)</p> <p>(IS02) K09s-128 A System for Query Answering with Incomplete Spatial Information</p> <p>(IS02) K09s-125 Consistent Query Answering over Inconsistent Databases</p> <p>(G02) K09gen-014 Intersection search for a fuzzy Petri net-based knowledge representation scheme</p> <p>(G02) Fuzzy and Neuro-Fuzzy Systems (2)</p> <p>(G02) K09gen-017 Parametric Uncertainty of Linear Discrete-time Systems Described by Fuzzy Numbers</p> <p>(G02) K09gen-080 A Flexible Neuro-Fuzzy Autoregressive Technique for Non-linear Time Series Forecasting</p>
15:50 - 16:10	COFFEE BREAK			
16:10 - 18:10	<p>(S09) Design of Intelligent Society (6)</p> <p>(S09) Predictive Aggregate Queries over Moving Objects in Road Networks. J.Feng, C.Liu, T.Watanabe (Hokai Univ., Nagoya Univ.)</p> <p>(S09) Analyzing the Relationship between Complexity of Road Networks and Mobile Agents' Simulation - K.Iwata, N.Ito, Y.Setoguchi, N.Ishii (Wakai Univ., Aichi Inst. of Tech., Nagoya Inst. of Tech.)</p> <p>(S09) Optimization of Transport Plan for On-demand Bus System Using Electrical Vehicles - K.Kawamura, N.Mukai (Tokyo Univ. of Science)</p> <p>(S09) Multi-base Station Placement for Wireless Reprogramming in Sensor Networks - A.Hashiizume, H.Mimeno, T.Mizuno (Shizuoka Univ.)</p> <p>(S09) Public Large Screen Ensembles Content Collection and Connection. K.Numa, N.Tomoda, T.Sugimoto, M.Miyata, K.Toriuni, J.Abe, K.Hori (Univ. of Tokyo, Sapporo Dantai Univ.)</p> <p>(S09) Web-based System for Supporting Participation in International Conferences. A.Hattori, S.Izumi, H.Hayami (Kanagawa Inst. of Tech.)</p>	<p>(G07) Other / Misc. Generic Intelligent Systems Topics (6)</p> <p>K09gen-005 Evolving Algorithm for Solving Congestion Problem in Computer Networks</p> <p>K09gen-051 - Automatic Speech-Lip Synchronization System for 3D Animation</p> <p>K09gen-058 - Development of an Effective Travel Time Prediction Method using Modified Moving-Average Approach</p> <p>K09gen-061 - Differential Evolution and Genetic Algorithms for the Linear Ordering Problem</p> <p>K09gen-081 - Determining Optimal Crop Rotations by Using Multiobjective Evolutionary Algorithms</p>	<p>Other Advanced Knowledge-based Systems (1)</p> <p>(G12) K09gen-054 Asynchronous Situated Coevolution and Embryonic Reproduction as a Means to Autonomously Coordinate Robot Teams</p> <p>(G05) Agent Systems (2)</p> <p>(G05) K09gen-030 Multiagent Security Evaluation Framework for Service Oriented Architecture Systems</p> <p>(G05) K09gen-038 Describing Evolutions of Multi-Agent Systems</p> <p>(G05) K09gen-086 Functionality and performance issues of agent-based software deployment framework</p> <p>(S15) K09s-054 Study of Writer Recognition by Japanese Hiragana</p> <p>(S18) K09s-022 Speed Flexibility Biomedical Vision Model Using Analog Electronic Circuits and VLSI Layout Design</p> <p>(S15) K09s-041 Self-Calibration and Image Rendering Using RBF Neural Network</p>	<p>(IS13) Knowledge-Based Systems for e-Business (6)</p> <p>(IS13) K09s-016 Cover All Query Diffusion Strategy over Unstructured Overlay Network</p> <p>(IS13) K09s-062 Extracting the Potential Sales Items from the Trend Leaders with the IP-POS Data</p> <p>(IS13) K09s-066 A Study on Comprehending the Intention of Administrative Documents in the Field of e-Government</p> <p>(IS13) K09s-082 Decision-making Process for Selecting Outsourcing Company based on Knowledge Database</p> <p>(IS13) K09s-098 The effective extraction method for the gap of the mutual understanding based on the egocentrism in business communications</p> <p>K09s-086 Speeding Up of Updating Background Image Using GPU</p> <p>(IS20) Video Surveillance (1)</p> <p>K09s-010 An Enhanced Layer Embedded Pedestrian Detector</p>
20:30	CONFERENCE BANQUET - CASTILLO HIDALGO			

WEDNESDAY 30 SEPTEMBER

	G103	G104	G106	G110
8:00 - 9:00	CONFERENCE REGISTRATION			
9:00 - 9:50	User-centric and Intelligent Service Composition in Ubiquitous Computing Environments - In-Young Ko - ROOM: FUENZALIDA AUDITORIUM			
9:50 - 10:20	COFFEE BREAK			
10:20 - 12:00	<p>(S14) Data Mining and Service Science for Innovation (5)</p> <p>K09s-012 - Text mining for customer enquiries in telecommunication services</p> <p>K09s-014 - Defuzzification Using Area Method on L-infinity Space</p> <p>K09s-084 - Agent-Based in-Store Simulator for Analyzing Customer Behaviors in a Super Market</p> <p>K09s-105 - Recommender System for Music CDs Using a Graph Partitioning Method</p> <p>K09s-107 - Advertising Carryover Effects and Optimal Budget Allocation</p>	<p>(S18) Knowledge - Based Interface Systems (6) (2) - (S19) Knowledge - Based Interface Systems (1) (3)</p> <p>(S18) K09s-028 Implementing Multi-relational Mining with Relational Database Systems</p> <p>(S18) K09s-083 A Simple Method for 3-Dimensional Prostatectomy Facial Modeling and Consideration the Reconstructing Error</p> <p>(S19) K09s-064 Study of Writer Recognition by Japanese Hiragana</p> <p>(S18) K09s-022 Speed Flexibility Biomedical Vision Model Using Analog Electronic Circuits and VLSI Layout Design</p> <p>(S15) K09s-041 Self-Calibration and Image Rendering Using RBF Neural Network</p>	<p>(S15) Advanced Engineering Design Techniques for Adaptive Systems (3)</p> <p>(S15) K09s-020 Machine Vision Application to Automatic Intruder Detection using CCTV</p> <p>(G05) K09s-088 A Genetic Algorithm-based Multiobjective Optimization for Analog Circuit Design</p> <p>(G05) K09gen-089 A Consensus-based Integration Method for Security Rules for Multi-standard Applications</p> <p>(S15) K09s-104 - On the Applications of Evolvable Hardware Concepts to Multifunction Antennas and Reconfigurable Mobile Terminals</p>	<p>(S14) Data Mining and Service Science for Innovation (1)</p> <p>K09s-101 - Detecting Temporal Trends of Technical Phrases by using Importance Indices and Linear Regression</p> <p>(S18) Knowledge - Based Interface Systems (1) (2)</p> <p>(S18) K09s-082 Decision-making Process for Selecting Outsourcing Company based on Knowledge Database</p> <p>(S18) K09s-098 The effective extraction method for the gap of the mutual understanding based on the egocentrism in business communications</p> <p>K09s-086 Speeding Up of Updating Background Image Using GPU</p> <p>(IS20) Video Surveillance (1)</p> <p>K09s-010 An Enhanced Layer Embedded Pedestrian Detector</p>
12:10 - 12:50	Dynamic Data Mining – Recent Developments and Future Challenges Richard Weber - FUENZALIDA AUDITORIUM			
13:00 - 14:00	LUNCH - CAFETERIA			

<p>14:10 - 15:50</p>	<p>(IS22) Soft Computing Techniques and Their Applications (4) (IS22) k09s-067 Nature Inspired Design of Autonomous Driving Agent - Realtime Localization, Mapping and Avoidance of Obstacle Based on Motion Parallax (IS22) k09s-069 Effective Utilization of Neural Networks for Constructing an Intelligent Decision Support System for Dealing Stocks (IS22) k09s-112 Fine Grained Parallel Processing for Soft Computing (IS22) k09s-116 New System Structuring Method that Adapts to Technological Progress of Semiconductors</p>	<p>(IS21) Knowledge-based Multi-criteria Decision Support (4) (IS21) k09s-049 Localization in Wireless Sensor Networks by Fuzzy Logic System (IS21) k09s-050 Dynamic Handover Scheme for WiMAX (TAIWAN) (IS21) k09s-071 A Fuzzy Bilevel Model and a PSO-based Algorithm for Day-ahead Electricity Market Strategy Making (IS24) k09s-134 Correspondence between Incomplete Fuzzy Preference Relation and Its Priority Vector</p>	<p>(IS 24) Immunity-Based Systems (4) (IS24) k09s-117 A network approach for HIV-1 drug resistance prevention (IS24) k09s-129 Asymmetric Phenomena of Segregation and Integration in Biological Systems: A Matching Automaton (IS24) k09s-130 Adaptive Forecasting of High-energy Electron Flux at Geostationary Orbit using ADALINE Neural Network (IS24) k09s-131 A Note on Biological Closure and Openness: A System Reliability View</p>	<p>(IS01) Multi-Agent Negotiation and Coordination: Models and Applications (2) (IS01) k09s-132 An Agent-Mediated Collaborative Negotiation in E-Commerce: A Case Study in Travel Industry (IS01) k09s-138 Multi-Agent for Quantum Key Distribution in Modern Wireless Networks (IS01) k09s-137 The Role of Ontology in Modeling Autonomous Agent-based System k09gen-071 Using Multi-Agent System to handle information in Multilingual Ontologies.</p>
<p>15:50 - 16:10</p>	<p>COFFEE BREAK</p>			
<p>16:10 - 17:30</p>	<p>Other Advanced Knowledge-based Systems (5) (IS23) k09s-055 Faith in the Algorithm, Part 2: Computational Eudemonics (IS17) k09s-077 System Engineering Security plan, monitor, control (IS12) k09s-079 A Platform for Extracting and Storing Web Data (IS03) k09s-021 Bayesian Reflectance Component Separation (IS10) k09s-020 Investigation of Various Attribute Selection Methodologies to Improve Hospital Admission Prediction using Ant-Miner</p>	<p>(IS06) Innovations in Chance Discovery (5) (IS06) k09s-040 Discourse Analysis of Communication Generating Social Creativity (IS06) k09s-043 Value Cognition System as Generalization of Chance Discovery (IS06) k09s-059 Temporal Logic for Modeling Discovery and Logical Uncertainty (IS06) k09s-103 Implementing a Rule Generation Method based on Secondary Differences of Two Criteria (IS06) k09s-111 Knowledge of Living, Scientific Knowledge and Risk Management</p>	<p>(IS20) Video Surveillance (5) - (IS20) k09s-003 Adaptation of Space-Mapping Methods for Object Location Estimation to Camera Setup Changes - A New Study (IS20) k09s-004 A Novel Method for Lateral Vehicle Localization by Omnicameras for Car Driving Assistance (IS20) k09s-005 Anomalous Event Analysis Using Patching Matching and Concentric Features (IS20) k09s-008 Video Inpainting on Digitized Old Films (IS20) k09s-009 Pedestrian Identification with Distance Transform and Hierarchical Search Tree</p>	<p>(IS08) Intelligent Vision and Image Processing (1) k09gen-013 Object Recognition by Permanence of Ratios based Fusion and Gaussian Bayes Decision (IS02) Advanced Knowledge-based Systems - Part I (1) k09s-046 Knowledge Source Discovery: An experience using Ontologies, WorldNet and Artificial Neural Networks. (IS 13) Knowledge-Based Systems for e-Business (1) k09s-083 Intelligent QA Systems Using Semantic Expressions Other Advanced Knowledge-based Systems (2) k09s-054 A Semantically-based Task Model and Selection Mechanism in Ubiquitous Environments k09s-021 Combined Unsupervised-Supervised Classification Method</p>
<p>17:40 - 18:00</p>	<p>CLOSING CEREMONY - ROOM: FUENZALIDA AUDITORIUM</p>			