November 10, 2010			
09:00 | 09:30	Opening		
09:30 | 10:50	Plenary Speech I (Main Hall)		
10:50 | 11:00	Coffee Break		
11:00 | 12:20	Plenary Speech II (Main Hall)		
12:20 | 13:30	Lunch		
13:30 | 15:30	**Session-A1** Collective Intelligence in Web Systems - Web Systems Analysis (GOLDEN LION ROOM)	**Session-B1** Intelligent Computing for Data Security (BALSAM ROOM)	**Session-C1** Intelligent Computing for Image Analysis (PHOENIZ ROOM)	**Session-P1** Post and Exhibition (DRAGON HALL)
15:30 | 15:50	Coffee Break		
15:50 | 17:50	**Session-A2** Novel Approaches to Collective Computations and Systems (GOLDEN LION ROOM)	**Session-B2** Innovations in Pervasive Computing (BALSAM ROOM)	**Session-C2** Intelligent Digital Watermarking and Pattern Recognition (PHOENIZ ROOM)	**Session-P2** Post and Exhibition (DRAGON HALL)
18:00 | 20:30	Reception (Main Hall)		

November 11, 2010

Time				
09：00 ― 10：20	Plenary Speech III (Main Hall)			
10：20 ― 10：30	Coffee Break			
10：30 ― 12：30	**Session-A3** Agent System (GOLDEN LION ROOM)	**Session-B3** Intelligent Systems (BALSAM ROOM)	**Session-C3** Intelligent Technologies for Medical Related Applications (PHOENIZ ROOM)	**Session-P3** Post and Exhibition (DRAGON HALL)
12：30 ― 13：30	Lunch			
13：30 ― 15：30	**Session-A4** CCI-based Optimization Models (GOLDEN LION ROOM)	**Session-B4** Intelligent Signal Processing for Human-Machine Interaction (BALSAM ROOM)	**Session-C4** Innovations in Computation and Application (PHOENIZ ROOM)	**Session-P4** Post and Exhibition (DRAGON HALL)
15：30 ― 15：50	Coffee Break			
15：50 ― 17：50	**Session-A5** Novel Approaches to Intelligent Applications (GOLDEN LION ROOM)	**Session-B5** Social Networks (BALSAM ROOM)	**Session-C5** Innovative Information System and Application (PHOENIZ ROOM)	**Session-P5** Post and Exhibition (DRAGON HALL)
18：00 ― 20：30	Banquet (Main Hall)			

November 12, 2010		
09：00 ｜ 10：20	Plenary Speech IV (Main Hall)	
10：20 ｜ 10：30	Coffee Break	
10：30 ｜ 12：30	**Session-A6** Advanced Knowledge Management (GOLDEN LION ROOM)	**Session-B6** Soft Computing to Industrial Management & Applications (BALSAM ROOM)	**Session-P6** Post and Exhibition (DRAGON HALL)
12：30 ｜ 13：30	Lunch	
13：30 ｜ 15：30	**Session-A7** Intelligent Computing for Networks (GOLDEN LION ROOM)	**Session-B7** Biological Computing (BALSAM ROOM)	**Session-P7** Post and Exhibition (DRAGON HALL)
15：30 ｜ 15：50	Coffee Break	
15：50 ｜ 17：50	**Session-A8** Quantitative Management of Technology (GOLDEN LION ROOM)	**Session-B8** Intelligent Systems and Applications (BALSAM ROOM)	**Session-P8** Post and Exhibition (DRAGON HALL)
18：00 ｜ 20：30	Farewell Party (Main Hall)	

Session-A1
Collective Intelligence in Web Systems - Web Systems Analysis

A1-01, ICCCI-2010-SS01-02

Real Anomaly Detection in Telecommunication Multidimensional Data Using Data Mining Techniques

Kazimierz Choroś

Wrocław University of Technology, Poland

A1-02, ICCCI-2010-SS01-03

Time Series Forecasting of Web Performance Data Monitored by MWING Multiagent Distributed System

Leszek Borzemski and Maciej Drwal

Wrocław University of Technology, Poland

A1-03, ICCCI-2010-SS01-04

Comparison and Analysis of the Eye Pointing Methods and Applications

Piotr Chynał and Janusz Sobecki

Wrocław University of Technology, Poland

A1-04, ICCCI-2010-208

Abstraction Relations Between Internal and Behavioural Agent Models for Collective Decision Making

Alexei Sharpanskykh and Jan Treur

VU University Amsterdam, Neatherlands

A1-05, ICCCI-2010-442

Quick Response System Using Collaborative Filtering on Fashion E-Business

Kyung-Yong Chung, Chang-Woo Song, Kee-Wook Rim, and Jung-Hyun Lee

Sangji University, Korea

A1-06, ICCCI-2010-485

Mining on Terms Extraction from Web News

Li-Fu Hsu

Hwh Hsia Institute of Technology, Taiwan

Session-A2
Novel Approaches to Collective Computations and Systems

A2-01, ICCCI-2010-SS04-01

Probability Collectives Multi-agent Systems: A Study of Robustness in Search

Chien-Feng Huang and Bao Rong Chang

National University of Kaohsiung, Taiwan

A2-02, ICCCI-2010-SS04-02

An Improved Ant Algorithm for Fuzzy Data Mining

Min-Thai Wu, Tzung-Pei Hong, and Chung-Nan Lee

National Sun Yat-sen University, Taiwan

A2-03, ICCCI-2010-SS15-02

Using Freeware to Construct a Game-Based Learning System

Yuh-Ming Cheng and Li-Hsiang Lu

Shu-Te University, Taiwan

A2-04, ICCCI-2010-204

A Web-based E-teaching System Under Low Bit-rate Constraint

Wei-Chih Hsu, Cheng-Hsiu Li, and Tzu-Hung Chuang

National Kaohsiung First University of Science and Technology, Taiwan

A2-05, ICCCI-2010-276

Instructional Design for Remedial English e-Learning

Chia-ling Hsu, Ai-ling Wang, and Yuh-chang Lin

Tamkang University, Taiwan

A2-06, ICCCI-2010-621

Information-driven Collective Intelligences

Francesca Arcelli Fontana, Ferrante Formato, and Remo Pareschi

University of Milano Bicocca, Italy

Session-A3
Agent System

A3-01, ICCCI-2010-072

Modeling Super Mirroring Functionality in Action Execution, Imagination, Mirroring, and Imitation

Monique Hendriks and Jan Treur

VU University Amsterdam, Netherlands

A3-02, ICCCI-2010-152

A Book-Agent System for Library Marketing

Toshiro Minami

Kyushu Institute of Information Sciences, Japan

A3-03, ICCCI-2010-157

Adaptive Modelling of Social Decision Making by Affective Agents Integrating Simulated Behaviour and Perception Chains

Alexei Sharpanskykh and Jan Treur

Vrije Universiteit Amsterdam, Netherlands

A3-04, ICCCI-2010-230

Modeling Agent-based Collaborative Process

Moamin Ahmed, Mohd Sharifuddin Ahmad, and Mohd Zaliman M. Yusoff

University Tenaga Nasional, Malaysia

A3-05, ICCCI-2010-240

A Three-Dimensional Abstraction Framework to Compare Multi-Agent System Models

Tibor Bosse, Mark Hoogendoorn, Michel C.A. Klein, and Jan Treur

VU University Amsterdam, Netherlands

A3-06, ICCCI-2010-267

Improving Performance of Protein Structure Similarity Searching by Distributing Computations in Hierarchical Multi-Agent System

Alina Momot, Bozena Malysiak-Mrozek, Stanislaw Kozielski, Dariusz Mrozek, Lukasz Hera, Sylwia Gorczynska-Kosiorz, and Michal Momot

Silesian University of Technology, Poland

Session-A4
CCI-based Optimization Models

A4-01, ICCCI-2010-SS12-01

Cellular GEP-induced classifiers

Joanna Jędrzejowicz and Piotr Jędrzejowicz

Gda nsk Universit, Poland

A4-02, ICCCI-2010-SS12-02

Cluster Integration for the Cluster-Based Instance Selection

Ireneusz Czarnowski and Piotr Jędrzejowicz

Gdynia Maritime University, Poland

A4-03, ICCCI-2010-SS12-03

Comparative Study of the Differential Evolution and Approximation Algorithms for Computing Optimal Mixed Strategies in Zero-sum Games

Urszula Boryczka and Przemyslaw Juszczuk

University of Silesia, Poland

A4-04, ICCCI-2010-SS12-04

Ant Colony Decision Trees — A new method for constructing decision trees based on Ant Colony Optimization

Urszula Boryczka and Jan Kozak

University of Silesia, Poland

A4-05, ICCCI-2010-SS12-05

A Cross-Entropy Based Population Learning Algorithm for Multi-Mode Resource-Constrained Project Scheduling Problem with Minimum and Maximum Time Lags

Piotr Jędrzejowicz and Aleksander Skakovski

Gdynia Maritime University, Poland

A4-06, ICCCI-2010-SS12-06

Evaluation of Agents Performance within the A-Team Solving RCPSP/max Problem

Piotr Jędrzejowicz and Ewa Ratajczak-Ropel

Gdynia Maritime University, Poland

A4-07, ICCCI-2010-SS12-07

Synchronous vs. Asynchronous Cooperative Approach to Solving the Vehicle Routing Problem

Dariusz Barbucha

Gdynia Maritime University, Poland

Session-A5
Novel Approaches to Intelligent Applications

A5-01, ICCCI-2010-SS02-01

Private Small-Cloud Computing in Connection with WINCE Thin Client

Bao Rong Chang, Hsiu Fen Tsai, Chien-Feng Huang, and His-Chung Huang

National University of Kaohsiung, Taiwan

A5-02, ICCCI-2010-SS02-02

Honey Bee Mating Optimization Algorithm for Approximation of Digital Curves with Line Segments and Circular Arcs

Shu-Chien Huang

National Pingtung University of Education, Taiwan

A5-03, ICCCI-2010-096

Efficient GHA-Based Hardware Architecture For Texture Classification

Shiow-Jyu Lin, Yi-Tsan Hung, and Wen-Jyi Hwang

National Taiwan Normal University, Taiwan

A5-04, ICCCI-2010-482

Diagnostic Tests Based on Knowledge States

Sylvia Encheva and Sharil Tumin

Haugesund University College, Norway

A5-05, ICCCI-2010-513

Audio Watermarking with HOS-Based Cepstrum Feature

Bo-Lin Kuo, Chih-Cheng Lo, Chi-Hua Liu, Bin-Yih Liao, and Jeng-Shyang Pan

Kaohsiung University of Applied Science, Taiwan

A5-06, ICCCI-2010-523

An Ontology-Supported Ubiquitous Interface Agent for Cloud Computing - Example on Zigbee Technique

Sheng-Yuan Yang, Dong-Liang Lee, and Chun-Liang Hsu

St. John's University, Taiwan

Session-A6
Advanced Knowledge Management

A6-01, ICCCI-2010-088

Rough Sets Based Association Rules Application for Knowledge-Based System Design

Shu-Hsien Liao and Yin-Ju Chen

Tamkang University, Taiwan

A6-02, ICCCI-2010-211

Concept Document Repository to Support Research of the Coal Industry Development Forecasting

Liudmila Takayshvili

SB RAS, Russia

A6-03, ICCCI-2010-226

Forecasting Coal and Rock Dynamic Disaster Based on Adaptive Neuro-fuzzy Inference System

Jianying Zhang, Jian Cheng, and Leida Li

China University of Mining &Technology, China

A6-04, ICCCI-2010-243

Context-aware Workflow Management based on Formal Knowledge Representation Models

Fu-Shiung Hsieh

Chaoyang University of Technology, Taiwan

A6-05, ICCCI-2010-287

A Consensus-based Method for Fuzzy Ontology Integration

Ngoc Thanh Nguyen and Hai Bang Truong

Wroclaw University of Technology, Poland

A6-06, ICCCI-2010-293

Contextual Information Search based on Ontological User Profile

Mohammed Nazim Uddin, Trong Hai Duong, and Geun Sik Jo

Inha University, Korea

Session-A7
Intelligent Computing for Networks

A7-01, ICCCI-2010-422

A Study on the Topology Control Method for Bluetooth Scatternet Formation

Chih-Min Yu

Chung-Hua University, Taiwan

A7-02, ICCCI-2010-447

A Study on the Global Configured Method of Blueweb Routing Protocol

Chih-Min Yu

Chung-Hua University, Taiwan

A7-03, ICCCI-2010-466

Secure Collaborative Cloud Design for Global USN Services

Tien-Dung Nguyen, Md. Motaharul Islam, Aymen Al-Saffar, Jun-Young Park, and Eui-Nam Huh

Kyung Hee University, Korea

A7-04, ICCCI-2010-471

Energy Efficient Framework for Mobility Supported Smart IP-WSN

Md. Motaharul Islam, Nguyen Tien Dung, Aymen Abdullah Alsaffar, Sang-Ho Na, and Eui-Nam Huh

Kyung Hee University, Korea

A7-05, ICCCI-2010-488

An Efficient Migration Framework for Mobile IPTV

Aymen Abdullah Alsaffar, Tien-Dung Nguyen, Md. Motaharul Islam, Young-Rok Shin, and Eui-Nam Huh

Kyung Hee University, Korea

A7-06, ICCCI-2010-539

Auto-Configuration Support for IPv4/IPv6 Translation in Smart Sensor Networks

Huan-wei Lin and Quincy Wu

National Chi Nan University, Taiwan

Session-A8
Quantitative Management of Technology

A8-01, ICCCI-2010-SS09-01

Fuzzy multi-objective programming application for time-cost trade-off of CPM in project management

Gino K. Yang

Hungkuang University, Taiwan

A8-02, ICCCI-2010-SS09-02

A Study on Two-stage Budget Planning by Fuzzy Quantifying Analysis

Gino K. Yang and Wayne Chouhuang

Hungkuang University, Taiwan

A8-03, ICCCI-2010-SS09-03

Hybrid Support Vector Regression and GA/TS for Radio-Wave Path-Loss Prediction

Kuo-Chen Hung, Kuo-Ping Lin, Gino K. Yang, and Y.-C. Tsai

National Defense University, Taiwan

A8-04, ICCCI-2010-SS09-06

A GA-based Support Vector Machine Diagnosis Model for Business Crisis

Ming-Fen Yang and Huey-Der Hsiao

Far East University, Taiwan

A8-05, ICCCI-2010-SS09-07

Development of an Engineering Knowledge Extraction Framework

Chengter Ho

National Kaohsiung University of Applied Sciences, Taiwan

A8-06, ICCCI-2010-SS09-09

Performance Evaluation of Telecommunication Industry between China and Taiwan

Yao-Lang Chang, Tsung-Ting Shih, and Chih-Hong Wang

National Kaohsiung University of Applied Sciences, Taiwan

A8-07, ICCCI-2010-SS09-12

Enhancing Repair Service Quality of Mobile Phones by the TRIZ Method

Yao-Lang Chang, Shu-Chin Lai, and Chia-Nan Wang

National Kaohsiung University of Applied Sciences, Taiwan

Session-B1
Intelligent Computing for Data Security

B1-01, ICCCI-2010-SS06-01

An Ownership Verification Scheme by Using Image Pinned Field and Genetic Algorithm

Mn-Ta Lee, Hsuan-Ting Chang, and Mu-Liang Wang

Kao Yuan University, Taiwan

B1-02, ICCCI-2010-SS06-02

Multiple-image Multiplexing Encryption based on Modified Gerchberg-Saxton Algorithm and Phase Modulation in Fractional Fourier Transform Domain

Hsuan-Ting Chang and Hone-Ene Hwang

National Yunlin University of Science and Technology, Taiwan

B1-03, ICCCI-2010-SS06-03

Optical Image Encryption based on Joint Fresnel Transform Correlator

Hsuan-Ting Chang and Zong-Yu Wu

National Yunlin University of Science and Technology, Taiwan

B1-04, ICCCI-2010-013

DenVOICE: A New Density-Partitioning Clustering Technique Based on Congregation of Dense Voronoi Cells for Non-spherical Patterns

Jui-Fang Chang

National Kaohsiung University of Applied Sciences, Taiwan

B1-05, ICCCI-2010-194

Communication and trust in the bounded confidence model

M. J. Krawczyk, K. Malarz, R. Korff, and K. Kulakowski

AGH University of Science and Technology, Poland

B1-06, ICCCI-2010-518

Inter-cloud Data Integration System Considering Privacy and Cost

Yuan Tian, Biao Song, Jimupimg Park, and Eui-Nam Huh

Kyung Hee University, Korea

Session-B2
Innovations in Pervasive Computing

B2-01, ICCCI-2010-SS16-01

Hierarchical IP Distribution Mechanism for VANET

Chiu-Ching Tuan, Jia-Ming Zhang, and Shu-Jun Chao

National Taipei University of Technology, Taiwan

B2-02, ICCCI-2010-SS16-02

VisMusic: Music Visualization with Interactive Browsing

Jia-Lien Hsu and Wei-Hsien Chien

Fu Jen Catholic University, Sinjhuang City, Taiwan

B2-03, ICCCI-2010-SS16-03

The Study of Plagiarism Detection for Object-oriented Programming Language

Jong-Yih Kuo and Wei-Ting Wang

National Taipei University of Technology, Taiwan

B2-04, ICCCI-2010-SS16-04

A Distributed Sleep Scheduling Algorithm with Range Adjustment for Wireless Sensor Networks

Kei-Chen Tung, Jonathan Chun-Hsien Lu, and Hsin-Hung Lin

Fu Jen Catholic University, Taiwan

B2-05, ICCCI-2010-SS16-05

An Innovative Routing Algorithm with Reinforcement Learning and Pattern Tree Adjustment for Wireless Sensor Networks

Chia-Yu Fan, Chien-Chang Hsu, and Wei-Yi Wang

Fu-Jen Catholic University, Taiwan

B2-06, ICCCI-2010-413

Trend Detection on Thin-film Solar Cell Technology using Cluster Analysis and Modified Data Crystallization

Tzu-Fu Chiu, Chao-Fu Hong, and Yu-Ting Chiu

Aletheia University, Taiwan

Session-B3
Intelligent Systems

B3-01, ICCCI-2010-SS13-03

The Power Load Forecasting by Kernel PCA

Fang-Tsung Liu, Chiung-Hsing Chen, Shang-Jen Chuang, and Ting-Chia Ou

National Kaohsiung Marine University, Taiwan

B3-02, ICCCI-2010-SS13-04

An Extensional Signed Fuzzy Measure of Signed Rho-Fuzzy Measure

Hsiang-Chuan Liu

Asia University, Taiwan

B3-03, ICCCI-2010-SS13-05

A Study of USB 3 in Perspective Aspect

Wei-Ming Yeh

National Taiwan University of Arts, Taiwan

B3-04, ICCCI-2010-SS13-06

A Study of CAPTCHA and Its Application to User Authentication

Albert B. Jeng, Chien-Chen Tseng, Der-Feng Tseng , and Jiunn-Chin Wang

Jinwen University of Science and Technology, Taiwan

B3-05, ICCCI-2010-SS13-07

TAIEX Forecasting Based on Fuzzy Time Series and the Automatically Generated Weights of Defuzzified Forecasted Fuzzy Variations of Multiple-Factors

Shyi-Ming Chen and Huai-Ping Chu

National Taiwan University of Science and Technology, Taiwan

B3-06, ICCCI-2010-307

Terminological and assertional queries in KQL knowledge access language

Krzysztof Goczyła, Piotr Piotrowski, Aleksander Waloszek, Wojciech Waloszek, and Teresa Zawadzka

Gdańsk University of Technology, Poland

Session-B4
Intelligent Signal Processing for Human-Machine Interaction

B4-01, ICCCI-2010-234

Emotion aware mobile application

Radoslaw Nielek and Adam Wierzbicki

Polish Japanese Institute of Information Technology, Poland

B4-02, ICCCI-2010-251

Boosting-based Ensemble Learning with Penalty Setting Profiles for Automatic Thai Unknown Word Recognition

Jakkrit TeCho, Cholwich Nattee, and Thanaruk Theeramunkong

Sirindhorn International Institute of Technology, Thailand

B4-03, ICCCI-2010-298

A Query Answering Greedy Algorithm for Selecting Materialized Views

T.V. Vijay Kumar and Mohammad Haider

Jawaharlal Nehru University, India

B4-04, ICCCI-2010-315

Conditional Statements grounded in Past Present and Future

Grzegorz Skorupa and Radosław Katarzyniak

Wroclaw University of Technology, Wybrzeże Wyspiańskiego

B4-05, ICCCI-2010-566

Semantic Optimization of Query Transformation in Semantic Peer-to-Peer Networks

Jason J. Jung

Yeungnam University, Korea

B4-06, ICCCI-2010-597

Capturing Users' Buying Activity at Akihabara Electric Town from Twitter

The-Minh Nguyen, Takahiro Kawamura, Yasuyuki Tahara, and Akihiko Ohsuga

The University of Electro-Communications, Japan

Session-B5
Social Networks

B5-01, ICCCI-2010-124

A Semantic Web Approach to Heterogeneous Metadata Integration

Shu-Hsien Liao, Hong-Chu Huang, and Ya-Ning Chen

Tamkang University, Taiwan

B5-02, ICCCI-2010-246

Infuence Clubs in Social Networks

Chin-Ping Yang, Chen-Yi Liu, and Bang Ye Wu

National Chung Cheng University, Taiwan

B5-03, ICCCI-2010-393

A Method of Label-dependent Feature Extraction in Social Networks

Tomasz Kajdanowicz, Przemysław Kazienko, and Piotr Doskocz

Wrocław University of Technology, Poland

B5-04, ICCCI-2010-560

Identifying Representative Reviewers in Internet Social Media

Sang-Min Choi, Jeong-Won Cha, and Yo-Sub Han

Yonsei University, Korea

B5-05, ICCCI-2010-612

Fitcolab Experimental Online Social Networking System

Haris Memic

Dzemal Bijedic University, Bosnia and Herzegovina

B5-06, ICCCI-2010-617

General Network Properties of Friendship Online Social Network

Haris Memic

Dzemal Bijedic University, Bosnia and Herzegovina

Session-B6
Soft Computing to Industrial Management & Applications

B6-01, ICCCI-2010-SS05-01

Empirical Bayes Estimation of Customers' Guarantee Time Length of Loyalty

Hui-Hsin Huang

Aletheia University, Taiwan

B6-02, ICCCI-2010-SS05-02

An integrated EPQ model for manufacturer's replenishment policies with two levels of trade credit policy under supplier credits linked to ordering quantity

Liang-Ho Chen, Jyh-Woei Chou, and Tien-Tsai Huang

Tungnan University, Taiwan

B6-03, ICCCI-2010-SS05-03

Modeling A Dynamic Design System Using the Mahalanobis Taguchi System—Two-Step Optimal algorithm

Tsung-Shin Hsu and Ching-Lien Huang

National Tsing Hua University, Taiwan

B6-04, ICCCI-2010-SS05-04

A Fuzzy Model Applied on Assessing Operating Performance of Industrial PC

Tien-Tsai Huang, Su-Yi Huang, and Yi-Huei Chen

Lunghwa University of Science and Technology, Taiwan

B6-05, ICCCI-2010-SS05-05

Inventory Models for Deteriorating Items with Variable Selling Price under Stock-dependent Demand

Yen-Wen Wang, Chih-Te Yang, August Tsai, and Chiou-Ping Hsu

Ching Yun University, Taiwan

Session-B7
Biological Computing

B7-01, ICCCI-2010-351

Immune Memory Mechanism based on Cyclic Idiotypic Network

Chung-Ming Ou and C. R. Ou

Kainan University, Taiwan

B7-02, ICCCI-2010-363

Sensor placement in water networks using a population-based ant colony optimization algorithm

Konrad Diwold, Thomas Ruhnke, and Martin Middendorf

Universit¨at Leipzig, Germany

B7-03, ICCCI-2010-389

Automatic Ontology Evolution in Open and Dynamic Computing Environments

Edgar Jembere, Sibusiso S. Xulu, and Matthew O. Adigun

University of Zululand, RSA

B7-04, ICCCI-2010-416

The Codebook Design of Image Vector Quantization based on the Firefly Algorithm

Ming-Huwi Horng and Ting-Wei Jiang

National Pingtung Institute of Commerce, Taiwan

B7-05, ICCCI-2010-499

Confronting Two-Pair Primer Design Using Particle Swarm Optimization

Cheng-Hong Yang, Yu-Huei Cheng, and Li-Yeh Chuang

National Kaohsiung University of Applied Sciences, Taiwan

B7-06, ICCCI-2010-526

Strategic Health Information Management and Forecast: The BirdWatching Approach

Arash Shaban-Nejad and Volker Haarslev

Concordia University, Canada

Session-B8
Intelligent Systems and Applications

B8-01, ICCCI-2010-SS15-01

An Extensible Particles Swarm Optimization for Energy-Effective Cluster Management of Underwater Sensor Networks

Mong-Fong Horng, Yi-Ting Chen, Shu-Chuan Chiu, Jeng-Shyang Pan, and Bin-Yih Liao

National Kaohsiung University of Applied Sciences, Taiwan

B8-02, ICCCI-2010-164

Adaptive Learning approach of Fuzzy Logic Controller with Evolution for Pursuit –Evasion Games

Hung-Chien Chung and Jing-Sin Liu

Academia Sinica, Taiwan

B8-03, ICCCI-2010-310

Comparison of Multispectral Image Processing Techniques to Brain MR Image Classification Between Fuzzy C-Mean Method and Geodesic Active Contours of Caselles Level Set Method.

Yen-Sheng Chen

Lan Yang Institute of Technology, Taiwan

B8-04, ICCCI-2010-380

Semantic Search Results Clustering

Krzysztof Strzalka and Aleksander Zgrzywa

Wroclaw University of Technology, Poland

B8-05, ICCCI-2010-529

ARToolkit-based Augmented Reality System with Integrated 1-D Barcode: Combining Colorful Markers with Remote Servers of 3D Data for Product Promotion Purposes

Jong-Chih Chien, Hoang-Yang Lu, Yi-Sheng Wu, and Li-Chang Liu

Kainan University, Taiwan

B8-06, ICCCI-2010

Automated Target Discrimination Using Feature Extraction

Minh D J Tran, Canicious Abeynayake and Lakhmi Jain

University of South Australia, Austrilia

Session-C1
Intelligent Computing for Image Analysis

C1-01, ICCCI-2010-SS03-01

Feature Analysis and Classification of Lymph Nodes

Chuan-Yu Chang, Shu-Han Chang, and Shao-Jer Chen

National Yunlin University of Science, Taiwan

C1-02, ICCCI-2010-SS03-02

Automatic and Accurate Image Matting

Wu-Chih Hu, Deng-Yuan Huang, Ching-Yu Yang, Jia-Jie Jhu, and Cheng-Pin Lin

National Penghu University of Science, Taiwan

C1-03, ICCCI-2010-SS03-03

Improved DCT-based Watermarking through Particle Swarm Optimization

Chih-Chin Lai, Wei-Shun Wang, and Ci-Fong Jhan

National University of Kaohsiung, Taiwan

C1-04, ICCCI-2010-SS15-03

The 3D display and analysis of the pattern of photolithography

Lih-Shyang Chen, Young-Jinn Lay, Lian-Yong Lin, Jing-Jou Tang, Wen-Lin Cheng, and Yu-Jen Lin

National Cheng Kung University, Taiwan

C1-05, ICCCI-2010-188

A New Adaptive B-spline VFC Snake for Object Contour Extraction

Hoang-Nam Nguyen and An-Chen Lee

National Chiao Tung University, Taiwan

C1-06, ICCCI-2010-452

Differential approximation of the 2-D Laplace operator for edge detection in digital images

Jakub Pęksiński and Grzegorz Mikołajczak

West Pomeranian University of Technology, Poland

Session-C2
Intelligent Digital Watermarking and Pattern Recognition

C2-01, ICCCI-2010-SS14-03

A Vehicle License Plate Recognition System Based on Spatial/Frequency Domain Filtering and Neural Networks

Mu-Liang Wang, Yi-Hua Liu, Bin-Yih Liao, Yi-Sin Lin, and Mong-Fong Horng

Shu-Te University, Taiwan

C2-02, ICCCI-2010-SS14-04

Reversible Watermarking Based on Invariant Relation of Three Pixels

Shaowei Weng, Shu-Chuan Chu, Jeng-Shyang Pan, and Lakhmi C. Jain

Guangdong University of Technology, China

C2-03, ICCCI-2010-SS14-05

Authentication and Protection for Medical Image

Chih-Hung Lin, Ching-Yu Yang, and Chia-Wei Chang

Southern Taiwan University, Taiwan

C2-04, ICCCI-2010-SS14-07

Recognition of Tire Tread Patterns Based on Gabor Wavelets and Support Vector Machine

Deng-Yuan Huang, Wu-Chih Hu, Ying-Wei Wang, Ching-I Chen, and Chih-Hsiang Cheng

Dayeh University, Taiwan

C2-05, ICCCI-2010-SS14-08

Detection of Image Region-Duplication with Rotation and Scaling Tolerance

Qiumin Wu, Shuozhong Wang, and Xinpeng Zhang

Shanghai University, China

C2-06, ICCCI-2010-039

Watermark Synchronization Based on Locally Most Stable Feature Points

Jiansheng Qian, Leida Li, and Zhaolin Lu

China University of Mining, China

C2-07, ICCCI-2010-118

Comparative studies of parallel and vertical stereo vision-based 3D pneumatic arms

Ray-Hwa Wong, Y. Wang, and Chao-Yi Liu

National Taiwan University of Science and Technology, Taiwan

Hwa Hsia Institute of Technology, Taiwan

Session-C3

Intelligent Technologies for Medical Related Applications

C3-01, ICCCI-2010-SS10-01

Comparison of Edge Segmentation Methods to Tongue Diagnosis in Traditional Chinese Medicine

Chieh-Hsuan Wang, Ching-Chuan Wei, and Che-Hao Li

Chaoyang University of Technology, Taiwan

C3-02, ICCCI-2010-SS10-03

The Grading of Prostatic Cancer in Biopsy Image based on Two Stages Approach

Shao-Kuo Tai, Cheng-Yi Li , Yee-Jee Jan, and Shu-Chuan Lin

Chaoyang University of Technology, Taiwan

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Rung-Ching Chen, Cho-Tsan Pao,Ying-Hao Chen, and Jeng-Chih Jian

Chaoyang University of Technology, Taiwan

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Wen-Hsien Tseng, Song-Yun Lu, and Hsing Mei

Web Computing Lab., Taiwan

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Chien-Chang Hsu and Jie Yu

Fu-Jen Catholic University,Taiwan

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Chinese Culture University, Taiwan

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Yungho Leu, Chien-Pang Lee, and Hui-Yi Tsai

National Taiwan University of Science and Technology, Taiwan

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Dariusz Ceglarek, Konstanty Haniewicz, and Wojciech Rutkowski

Poznan School of Banking, Poland

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S. J. Jerome Teng

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Yeong-Chyi Lee, Tzung-Pei Hong, and Chun-Hao Chen

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Chun-Wei Tseng, Feng-Jung Liu, Wan-Chin Lu, and Shih-Hao Huang

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Wei-Ming Ma

Cheng-Shiu University, Taiwan

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Cheng Shiu University, Taiwan

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Kexin Wei, Bin Liang, and Youjun Yue

Tianjin University, Tianjin

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Suwat Kuntanapreeda

King Mongkut's University of Technology North Bangkok, Thailand

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Krzysztof Zatwarnicki

The Opole University of Technology, Poland

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Jih-Gau Juang and Li-Hsiang Chien

National Taiwan Ocean University, Taiwan

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Ping Yu

Chinese Culture University, Taiwan

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Jennifer Shu-Jen Lin

Toko University, Taiwan

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Yu-Wen Wou

Chihlee Institute of Technology, Taiwan

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Yen-Hui Wang and Chia-Nan Wang

Kainan University, Taiwan

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Wen Ching Lin, Ying Fung Huang, and Chia Nan Wang

National Kaohsiung University of Applied Sciences, Taiwan

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Hsi-Che Teng, Shin-Jung Wang, and Ming-Haur Shih

National Kaohsiung University of Applied Sciences, Taiwan

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Jui-Chen Huang

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Lili Meng, Yao Zhao, Jeng-Shyang Pan, Huihui Bai, and Anhong Wang

Beijing Jiaotong University, China

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Harbin Institute of Technology Shenzhen Graduate School, China

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Huawei Tian, Yao Zhao, Rongrong Ni, and Jeng-Shyang Pan

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Xiaofei Zhang, Chong Feng, and Heyan Huang

Chinese Academy of Sciences, China

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National Chengchi University, Taiwan

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National Kaohsiung University of Applied Sciences, Taiwan

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Ing-Jr Ding

National Formosa University, Taiwan

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Vinh Technical Teachers Trainning University, Vietnam

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Kaushik Deb, Andrey Vavilin, Jung-Won Kim, and Kang-Hyun Jo

University of Ulsan, Korea

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Jun-Hua He and Jing-Yuan Lv

HuangShi Institute of Technology, China

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Sunday Olusanya Olatunji, Ali Selamat, and Abdul Azeez Abdul Raheem

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Eugeniusz Kornatowski

West Pomeranian University of Technology, Poland

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Jeju National University, Korea

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Feng Liu, Guodong Shi, and Jianchun Wu

Jiangsu Teachers University of Technology, China