

Program of IIAI AIT 2013 (ICCSA 2013 & ICASEIS 2013)

November, 28	
10:00-12:00	<p style="text-align: center;">ICCSA (Chair: Makoto Okada)</p> <p>Odor Sensor Selection based on Ant Colony Optimization with Quartz Crystal Microbalance sensors (Keishiro Ogawa, Michifumi Yoshioka, Hidekazu Yanagimoto) Analyzing the Review Effects and Predicting the Amount of Effort in Review Processes for Embedded Software Development Projects (Kazunori Iwata, Toyoshiro Nakashima, Yoshiyuki Anan, Improving Particle Swarm Optimization Algorithm and Its Application to Physical Travelling Salesman Problems With a Dynamic Search Space (Benoit Vallade, Tomoharu Nakashima) An Investigation of a Method to Extract Japanese Start-Farming Problems using Comparison News Articles and Questionnaire Surveys (Makoto Okada, Sachio Hirokawa, Kiyota Hashimoto)</p>
12:00-13:20	Lunch
13:20-15:30	<p style="text-align: center;">ICCSA (Chair: Hidekazu Yanagimoto)</p> <p>Topic Comparison According to Belonging Community Using Twitter (Suguru Isaji, Hidekazu Yanagimoto, Michifumi Yoshioka) Reduct Generation and Characterization Based on Nearest Neighbor Relation (Naohiro Ishii, Ipei Torii, Toyoshiro Nakashima, Hidekazu Tanaka) Privacy Preserving Pattern Recognition with k-member Clustering Considering Quantification of Class Labels (Hirohide Kasugai, Katsuhiro Honda, Akira Notsu) Application of FCM-type Co-clustering to an Agent in Reinforcement Learning (Takanori Ueno, Akira Notsu, Katsuhiro Honda) A Residential Solar Electric Power Analysis by Robust Fuzzy c-Regression Models Considering Tolerance of Ambiguity (Shunsuke Iwata, Katsuhiro Honda, Akira Notsu)</p>
15:30-15:50	Coffee Break
15:50-18:00	<p style="text-align: center;">ICCSA (Chair: Naoki Mori)</p> <p>A Development Framework for Humanoid Robots Simulation Systems (Yoshiyuki Kozuka, Nobuhiro Ito, Kazunori Iwata, Toshiya Mori, Yoshinobu Kawabe) Estimating Strategic Position of Soccer Agent using Cluster Analysis (Hidehisa Akiyama, Masashi Tsuji, Shigeto Aramaki) Adaptive Genetic Operators for Dictyostelium based Genetic Algorithm (Kazuyuki Inoue, Naoki Mori, Keinosuke Matsumoto) Effective Fitness Evaluation by means of Fitness Landscape Learning Evolutionary Computation (Taku Hasegawa, Naoki Mori, Keinosuke Matsumoto) Keyword relation analysis using concept graph toward automatic categorization of online novels (Eisuke Ito, Sachio Hirokawa)</p>
18:00-19:00	Reception
November 29	
09:30-09:40	Opening Ceremony
09:40-10:40	<p style="text-align: center;">Keynote Speech (Chair: Kiyota Hashimoto)</p> <p>New Trends in Software Engineering Prof. Kenichi Matsumoto, NAIST, JAPAN</p>
10:40-11:00	Coffee Break
11:00-12:00	<p style="text-align: center;">ICASEIS (Chair: Eisuke Ito)</p> <p>A State Reduction Method for Model-checking by Eliminating Unnecessary Contexts (Michitaka Inui, Nobukazu Yoshioka, Koichiro Ochimizu) Illustrating the Effect of Formal Methods on Software Processes with a Standard Model (Shigeru KUSAKABE, Hsin-Hung Lin, Yoichi OMORI, Keijiro ARAKI)</p>
12:00-13:20	Lunch
13:20-15:30	<p style="text-align: center;">ICASEIS+ICATI (Chair: Shigeru Kusakabe)</p> <p>Web Application for Building Readability Formulas and Personalized Readability Equation Based on Individual Learner's Reading Study Log (Yoshinori Miyazaki, Takato Oshiro, Yumi Hasegawa) Automatic Identification of Know-How Blog Entries from a Travel Blog Database (Hidetsugu Nanba, Saki Douke, Toshiyuki Takezawa) Difficulty and Ambiguity of Verbs (Koki Miyata, Takahiko Suzuki, Sachio Hirokawa) Design of a Mathematical Expression Corpus for Word Sense Disambiguation (Takayuki Watabe, Yoshinori Miyazaki, Shosaku Tanaka) A Distributed Agile Formal Specification Environment (Yoichi Omori, Keijiro Araki)</p>
15:30-15:50	Coffee Break
15:50-18:00	<p style="text-align: center;">ICASEIS (Chair: Yoichi Omori)</p> <p>Workflow and New Production Techniques in Projection Mapping (Ipei Torii, Takahito Niwa, Shota Murayama, Naohiro Ishii) Overview of VDMPad: An Interactive Tool for Formal Specification with VDM (Tomohiro Oda, Keijiro Araki) "Enterprise Resource Planning implementation within Small to Medium Enterprises - Technology; People and Cultural Influences" (Francis Mungofa Manzira, Willard Munyoka) An Approach to Safe Off-Site Backup Utilizing Secret Sharing Scheme and Storage Virtualization (Hirofumi Amano, Yuki Dohi, Hiromune Ikeda) An EVALPSN Stable Model Based Discrete Event Control Method (Kazumi Nakamatsu, Jair Abe)</p>
18:00-21:00	Banquet

November 30	
09:30-11:40	<p align="center">ICCSA+Special Session 3: AGRI (Chair: Alireza Ahrary)</p> <p>A Suggestion to Support the Communication Activities of the Elderly in Agriculture (Won-Seok Feature Extraction of Data based on XML Conversion (Noriko Horibe, Alireza Ahrary, Kouichi Big Data methodologies applied to a novel nutrition-based vegetable production and distribution system (Dennis Ludena, Alireza Ahrary, Noriko Horibe, Won-Seok Yang) Design of an Under-actuated Mechanism for Grasping in Agriculture Application (Alireza AHRARY) PreBI : Indonesian Predictive Parser (Wiwin Suwarningsih, Iping Supriana)</p>
11:40-13:00	Lunch
13:00-15:30	<p align="center">ICASEIS+ Special Session 1; CEPM & 2:DML (Chair: Kensuke Baba)</p> <p>Toward Integrating Complex Event Processing and On-line Machine Learning: A Preliminary Evaluation of On-line Machine Learning Engine Jubatus (Kenji Kawabata, Kensuke Baba, Kazuaki A prototype of real-time seat usage analysis using smart sensors (Takuya Kawatani, Eisuke Ito, Kensuke Baba) A Trichotomic Approach to Approximate Representation of Concepts -- With its Application to Library Data Mining -- (Toshiro Minami, Sachio Hirokawa, Kensuke Baba, Eriko Amano) Speed Improvement of the Plagiarism Detection Method (Tetsuya Nakatoh, Kensuke Baba, Yasuhiro Yamada, Daisuke Ikeda) Preliminary Results for Discovering Related Words from Logs of Scholarly Repositories (Takehiro Shiraishi, Toshihiro Aoyama, Kazutsuna Yamaji, Takao Namiki, Daisuke Ikeda) Design of lifting wavelet filters for local feature analysis of an image (Shigeru Takano)</p>
15:30-15:50	Coffee Break
15:50-18:00	<p align="center">ICCSA (Chair: Tomoharu Nakashima)</p> <p>Comparing Performance of Decision Tree and Naive Bayes on 2-class Data Sets (Sri Rezeki Chandra Nursari, Iman Paryudi) A Three-Dimensional Macrophage Visualizer (Benjamin Culeux, Tomoharu Nakashima, Toshinobu Hayashi, Manabu Nii, Yutaka Komai) Introduce Agents for Hetero Sensitivity of Pheromone into Multi-agent System with Ant Colony Optimization (Hisayuki Sasaoka) Construction of a university planning tool and communication system: The present condition and problems of the progress management supporting systems of the management plan at Kyushu University (Eiichi Takata, Masao Mori) An HTML5 Based Live PC Desktop Image Sharing System for a Large Group Using Load Balancing Algorithm (Takashi Yamanoue, Yujiro Sugita, Yuuri Koarata, Kentaro Oda, Koichi Shimozone)</p>