

Code	ID	Paper Title	Author Names	Remarks
PT		November 22 (Thursday) 15:05-16:30		Reception Hall (in front of Room 301)
Poster Session				
P01-A-2	99	Coordination of Command Fusion for Obstacle Avoidance Control of Mobile Robot	Hyunjin Chang, Dongseo University; Taeseok Jin, Dongseo University	
P02-A-2	115	A Study on the Precise Distance Measurement for Radar Level Transmitter of FMCW Type using Correlation Analysis Method	Suk-Joon Ji, Hanla IMS Co.,Ltd ; Woo-Jin Choi, Hanla IMS Co.,Ltd; John-Tark Lee, Dong-A University; Kyung-Yup Kim, Hanla IMS Co., Ltd	
P03-A-2	195	Manual Asymmetry of Time-Delay Effect on Visual Feedback in Arm Movements	Takashi Oyama, Okayama Prefectural University	
P04-A-2	218	Reduction of Compressor Performance Test Duration Using Fuzzy-Bayesian Networks as Prediction Tool	Cesar Penz, Federal University of Santa Catarina; Carlos Flesch, Federal University of Santa Catarina; Rodolfo Flesch, Federal University of Santa Catarina; André Rosa, Whirpool SA	
P05-A-2	291	Distributed Scheduling Based Upon Frequency Transmission Using Two Dynamic Controlled Plants and a PID Controller	Oscar Esquivel, U.N.A.M.; Héctor Benítez, U.N.A.M.	
P06-A-2	296	The Implementation of Magnetostrictive Type Level Sensor System using Guided Pulse Wave	Woo-Jin Choi, Hanla IMS Co.,Ltd.; Suk-Joon Ji, Hanla IMS Co.,Ltd ; Kyung-Yup Kim, Hanla IMS Co., Ltd; John-Tark Lee, Dong-A University	
P07-A-2	427	Modeling and Implementation of Discrete Event Net Based Distributed Control for Industrial Robotic Systems	Gen'ichi Yasuda, Nagasaki Institute of Applied Science	
P08-A-2	438	Using Gyroscopic Sensors Data with Artificial Neural Networks for Junction Detection	Kenneth Mackin, Tokyo University of Information Sciences; Makoto Fujiyoshi, Hitachi Zosen Corporation	
P09-A-2	509	Tabu Search Based Topology Modification for Reduction of Fault Current Level in Power Systems	Manuel Del Castillo, Seoul National Univ of Science and Technology; Hwachang Song, Seoul National University of Science and Technology	
P10-A-2	529	Design of wind turbine fault detection system based on performance curve	Se-Yoon Kim, Kunsan National University; Sung-Ho Kim, Kunsan National University; In-Ho Ra, Kunsan National University	
P11-G-10	120	Identification of Longitudinal Dynamics of an Autonomous Small Scale Helicopter Using Hybrid Differential Evolution and Prediction Error Algorithm	Ari Legowo, International Islamic University Malaysia; Rini Akmeliawati, IIUM	
P12-G-10	245	Minimization of Accumulated Angular Error using Kalman Filter and Two Gyroscope	Jongguen Kim, Pusan National University; HaJun Song, Pusan National University; EunKook Jung, Pusan National University; Jungmin Kim, Pusan National University; Sungshin Kim, Pusan National University	
P13-G-10	493	Intelligent Platform Design of Agricultural Robot Inspired by Farmer Assistance (AGRIFA)	Young-Jae Ryoo, Mokpo National University; Ki-Nam Lee, Mokpo National University; Pil-Gong Choi, Mokpo National University	
P14-DKA-1	439	Self-localization based on Image Features of Omni-directional Image	Yasutake Takahashi, University of Fukui; Fuminori Hibino, University of Fukui; Yuta Ii, University of Fukui; Yoichiro Maeda, University of Fukui	
P15-JS-11	512	Stabilization and Walking Algorithm of Hybrid Wheeled and Legged Mobile Robot Based on ZMP	Dong-Hyuk Jeong, Hankyong National University; Yong-Tae Kim, Hankyong National University; Jong-Han Park, Hankyong National University; Bo-Hoon Lee, Hankyong National University	

P16-JS-11	535	Application of Particle Swarm Optimization to Humanoid Robot Walking	YoungLim Choi, Dong-A University; NakYoon Choi, Dong-A University; Jong-Wook Kim, Dong-A University	
P17-G-12	278	BUILDING AUTOMATION ONTOLOGICAL GENERATION OF INTELLECTUAL ELECTRONIC TEXTBOOKS	Assel Seifullina, L.N. Gumilyov Eurasian National University; Omarbekova Assel, L.N. Gumilyov Eurasian National University	
P18-G-12	519	Robot Control by Using Multi-mode	Sang Yong Rhee, Kyungnam University; A-Ram Kim, Kyungnam University	
P19-A-7	39	Automatic Selection and Contextual Analysis of the Japanese Particles "Ga" and "Wa" Using Machine Learning	Satoshi Miura, Tottori University; Liangliang Fan, Tottori University; Masaki Murata, Tottori University; Masato Tokuhisa, Tottori University	
P20-A-7	40	Machine Learning for Analysis and Detection of Redundant Sentences Toward Development of Writing Support Systems	Shunsuke Tsudo, Tottori University; Masaki Murata, Tottori University; Masato Tokuhisa, Tottori University ; Qing Ma, Ryukoku University	
P21-A-7	83	Identifying Hyponyms from Statistical Measurements in Text Data	Sagara Sumathipala, Nagaoka University of Technology; Koichi Yamada, Nagaoka University of Technology	
P22-A-7	151	Support Method for Reference of Documents based on Correspondence Analysis	Makoto SUZUKI, Nagoya University; Tomohiro Yoshikawa, Nagoya University; Takeshi Furuhashi, Nagoya University	
P23-A-7	380	Retrieving magazine articles on items by using combinations of text and image	Daisuke Kasama, Meiji University; Tomohiro Takagi, Meiji University; Ryo Izawa, Meiji University	
P24-DKI-2	413	Method for making temporal features of POIs for geographical recommendation	Kenta Oku, Ritsumeikan University; Koki Ueno, Ritsumeikan University; Kentaro Terada, Ritsumeikan University; Fumio Hattori, Ritsumeikan University	
P25-TI-3	396	The PSP Practice Support System used on The Android Digital Assistant aim to improvement of XP	Daisuke Yamaguchi, Toin University of Yokohama; Ayahiko Niimi, Future University Hakodate	
P26-A-5	77	Update-Safe Boot System for Automotive Embedded System	Jang Woon Baek, Electronics and Telecommunications Research Institute; Keekoo Kwon, ETRI; Jongwoo Park, Kyungpook National University; Dae-Wha Seo, Kyungpook National University	
P27-A-5	174	A framework of recommender system considering the variety of Kansei	YUMA INAGAWA, KANSAI University; Masataka Tokumaru, Kansai University; Junki Hakamata, KANSAI University	
P28-A-5	176	Recipe data coding method by using cooking process and quantity of nutrients for healthy eating habits support system	Akinobu Ishikawa, Kansai University; Yuta Tokumi, Kansai University; Masataka Tokumaru, Kansai University	
P29-A-5	202	Website Design System Based on an Interactive Genetic Algorithm Using Tournament Evaluation by Multiple People	Takahiro Yokoyama, Kansai University; Hiroshi Takenouchi, Kansai University; Masataka Tokumaru, Kansai University; Noriaki Muranaka, Kansai University	
P30-A-5	353	An Improved Font Distribution Algorithm for Tag Clouds	Ágnes Bogárdi-Mészöly, Budapest University of Technology and Economics; András Róvid, Óbuda University; Hiroshi Ishikawa, Shizuoka University	
P31-A-5	539	A Mobile Channel Allocation Scheme for Avoiding Channel Interference	Seo-Jung Heo, Kongju National University; Dong-Cheul Son, Baekseok University; Chang Suk Kim, Kongju National University	
P32-A-1	65	Interval-valued Evolution Strategy for Evolving Neural Networks with Interval Weights and Biases	Hidehiko Okada, Kyoto Sangyo University; Tetsuya Wada, Kyoto Sangyo University; Akira Yamashita, Kyoto Sangyo University; Takashi Matsuse, Kyoto Sangyo University	
P33-A-3	190	Non-Fragile Control for Discrete Fuzzy Descriptor Systems	Jun Yoneyama, Aoyama Gakuin University; Yuzu Uchida, Aoyama Gakuin University	
P34-A-3	457	Incremental Tuning of Fuzzy Decision Trees	Christophe Marsala, UPMC - LIP6	

P35-G-16	159	Automated Polyp Detection From Endoscope Images	Rafael Lins Porto Viana, Chubu University; Yuji Iwahori, Chubu University; Kenji Funahashi, Nagoya Institute of Technology; Kunio Kasugai, Aichi Medical University	
P36-G-22	293	Fuzzy MADM approach for selecting the best wetlands environment plan	Vivien Y.C. Chen, Taipei Chengshih University	
P37-G-22	299	Enhancing Investigation Quality for the Police in Traffic Accidents by Constructing the Structural Relationship of Factors	Ming-Shan Yeh, Feng Chia University; Hsin-Hsien Liu, Feng Chia University; Chien-Ming Tseng, Ministry of Transportation and Communications; Gwo-Hshiung Tzeng, Kainan University; Wen-Hua Liu, Feng Chia University	
P38-G-22	389	An Integrated MCDM Model for Glamour Stock Evaluation	Kao Yi Shen, Chinese Culture University; Vivien Y.C. Chen, Taipei Chengshih University ; Gwo-Hshiung Tzeng, Kainan University	
P39-G-18	445	Method to Construct Conceptual Graph with Technical Term Dictionary for Schema Matching	Koichi Kitano, Kansai University; Toshio Teraguchi, Kansai University; Shigenori Tanaka, Kansai University; Kenji Nakamura, Ritsumeikan University	
P40-G-19	267	Method of evaluation of electrical services of agricultural enterprises	Askar Sapakov, Almaty University of Energy and Communications	
P41-YT-1	282	Artificial Bee Colony for Constraint Satisfaction Problems	Yuko Aratsu, Takushoku University; Kazunori Mizuno, Takushoku University; Hitoshi Sasaki, Takushoku University; Seiichi Nishihara, University of Tsukuba	
P42-YT-1	411	A Population Based Cunning Ant System for Constraint Satisfaction Problems	Daiki Hayakawa, Takushoku University; Kazunori Mizuno, Takushoku University; Hitoshi Sasaki, Takushoku University; Seiichi Nishihara, University of Tsukuba	
P43-G-2	453	Satisficing vs Exploring When Learning a Constrained Environment	Stephen Shervais, Eastern Washington University; Thaddeus Shannon, Portland State University	
P44-G-2	546	Timetable Design for Osaka International University Using Differential Evolution	Shinichiro Ataka, Osaka International University; Yasuo Adachi, Osaka International University	
P45-HS-3	517	Fuzzy Evaluation Model on the Core Competence of CEO and Management Index	Seung Gook Hwang, Kyungnam University; Jignesh Panchal , JAPAN TUBULAR COMPONENTS PVT.LTD, New Delhi, India; Bong-Gyeong PARK , JAE HYUN AUTONICS Co.; Young Man Park, Kyungnam University	
P46-A-4	149	Determination of the Change Timing of Space Segmentation Using PCA for Reinforcement Learning	Yuki Komori, Osaka Prefecture University; Akira Notsu, Osaka Prefecture University; Katsuhiro Honda, Osaka Prefecture University; Ichihashi hidetomo, Osaka Prefecture University	
P47-A-4	170	Preferential Exploration Method of Transfer Learning for Reinforcement Learning in Same Transition Model	Toshiaki Takano, Mie University; Haruhiko Takase, Mie University; Hiroharu Kawanaka, Mie University; Shinji Tsuruoka, Mie University	
P48-G-11	288	Reconstructability Analysis of Genetic Loci Associated with Alzheimer disease	Stephen Shervais, Eastern Washington University; Patricia Kramer, Oregon Health and Sciences University; Martin Zwick, Portland State University; Shawn Westaway, Oregon Health and Sciences University	
P49-G-6	51	Applying Ant Colony Optimization in Configuring Stacking Ensemble	YiJun Chen, Infoware Systems Ltd.; Man Leung Wong, Lingnan University	
P50-HS-1	508	Similar Pair Identification using Locality-Sensitive Hashing Technique	Keon Myung LEE, Chungbuk National University; Kyung Mi Lee, Chungbuk National University	

P51-A-6	181	Extraction of Blood Vessels in Fundus Image by Black-top-hat Transformation Employing Two Structuring Elements with Different Radii	Eisaku Tohma, Yamaguchi University; Hideaki Misawa, Yamaguchi University; Noriaki Suetake, Yamaguchi University; Eiji Uchino, Yamaguchi University	
P52-A-6	435	Quantitative evaluation using EEG for influence of meaningful or meaningless noise on participants during mental tasks	Takahiro Tamesue, Yamaguchi University; Haruka Kamijo, Shinshu University; Kazunori Itoh, Shinshu University	
P53-HK-1	132	A Feature Consisting of Mean, Standard Deviation, and LPC Cepstrum for the Prediction of Liver Fibrosis Stages in Chronic Hepatitis C	Akifumi Miyazaki, Doshisha University; Miho Ohsaki, Doshisha University; Eri Taniguchi, Doshisha University; Shigeru Katagiri, Doshisha University; Hideto Yokoi, Kagawa University Hospital; Katsuhiko Takabayashi, Chiba University Hospital	
P54-HW-1	103	Variational Bayesian Inference with Automatic Relevance Determination for Generative Topographic Mapping	Nobuhiko Yamaguchi, Saga University	
P55-IH-1	458	Precise Characterization of Memristive Systems by Cooperative Artificial Neural Networks	Josef Dobes, Czech Technical University; Ladislav Pospisil, Czech Technical University; Abhimanyu Yadav, Czech Technical University	
P56-IH-2	152	Applying CART and SLP Techniques on Self-relevant Event Detection	Koum-tem Sun, National University of Tainan; Tzu-Wei Huang, National University of Tainan; Tsung-Hao Hsieh, National University of Tainan; Min-Chi Chen, National University of Tainan	
P57-IH-2	283	Apply Decision Tree to Derive Rules for ERPs	Koum-tem Sun, National University of Tainan; Min-Chi Chen, National University of Tainan; Syuan-Jing Li, National University of Tainan; Tzu-Wei Huang, National University of Tainan	
P58-IH-3	212	Hopfield-Amari Neural Network: Minimization of Quadratic Forms	Nischal Bondalapati, National Institute of Technology Hamirpur; Rama Murthy Garimella, International Institute of Information Technology Hyderabad	
P59-JS-2	56	Energy-aware Resource Pricing for Internet Data Centers	Yutaka Okaie, Osaka University; Tadashi Nakano, Osaka University	
P60-JS-2	72	How Does Thermal Gradient Contribute to Microcapsule Formation by Proteinoids?	Taichi Haruna, Kobe University; Junya Shiozaki, Kobe University; Sayaka Tanaka, Kobe University	
P61-JS-2	85	Swarming Biological Nanomachines Through Molecular Communication for Targeted Drug Delivery	Tadashi Nakano, Osaka University; Moore Michael, Osaka University; Yutaka Okaie, Osaka University; Akihiro Enomoto, University of California, Irvine; Tatsuya Suda, The University Netgroup Inc.	
P62-JS-2	111	Simple Circuit for Sound Localization Using Digital Delay Line Based on the Biological Auditory System	Masahiro Tanaka, Tsuyama College of Technology; Kimihiro Nishio, Tsuyama College of Technology	
P63-JS-2	259	Emergence of Functional Differentiation in an Adaptive Network	Takayuki Niizato, Kobe University; Yukio Gunji, Kobe University	
P64-JS-3	321	Future Information Network as Large-Scaled Complex Adaptive Systems	Masayuki Murata, Osaka University	
P65-JS-5	486	Agent-Based Evaluation for Effects of Signaling in Markets with Asymmetric Information	Tadahiko Murata, Kansai University; Nisuo Du, Kansai University	
P66-A-8	11	A 3D Sensing Technique Using Fuzzy Modeling Based on Stereo Vision	Yuichi Saito, Osaka Electro-Communication University; Toshihiko Watanabe, Osaka Electro-Communication University	
P67-A-8	106	Handwritten Keywords Recognition on Blackboard for Tagging Lecture Video-Shot	Shohei Okuyama, Mie University; Shinji Tsuruoka, Mie University; Haruhiko Takase, Mie University; Hiroharu Kawanaka, Mie University	
P68-A-8	338	Color Contrast Enhancement of Blog Page for Improvement of Legibility	Motonori Doi, Osaka Electro-Communication University; Tasuku Uehara, Osaka Electro-Communication University	

P69-A-8	531	Object Detection in Infrared Image with Sea Clutter	Ki Tae Park, Hanyang University; Jongmyeon Jeong, Mokpo National Maritime University
P70-KK-1	114	Analog Circuit for Detection of Time to Collision Based on the Biological Vision System	Kohei Okamoto, Tsuyama College of Technology; Kimihiro Nishio, Tsuyama College of Technology
P71-KK-1	280	The Method for Measuring the Level of Opening Cap to Develop Shiitake Grader	Takeshi Hagisawa, Future University Hakodate; Masashi Toda, Kumamoto University; Teruyasu Sakoi, Hokkaido Industrial Technology Center; Kazuhiro Matumura, Hokkaido Industrial Technology Center; Masahito Fukuda, Fukuda Farm
P72-KO-1	537	A Study on Factors for Determination of Elevation Mask and CNR Mask on DGPS Reference Station	YoungKi Kim, Korea Institute of Ocean Science & Technology; Wonseok Jang, Korea Institute of Ocean Science & Technology; Kiyeol Seo, Korea Institute of Ocean Science & Technology
P73-KK-3	494	Vibrotactile Stimulus Frequency Optimization for the Haptic BCI Prototype	Tomasz Rutkowski, University of Tsukuba; Hiromu Mori, University of Tsukuba
P74-KK-3	495	Psychophysical Responses Comparison in Spatial Visual, Audiovisual, and Auditory BCI-Spelling Paradigms	Tomasz Rutkowski, University of Tsukuba; MoonJeong Chang, University of Tsukuba
P75-KK-3	516	A Group Recommendation System with a Multi-modal User Interface	Masataka Yukawa, Ritsumeikan University; Yugo Hayashi, College of Information Science and Engineering Ritsumeikan University; Hitoshi Ogawa, College of Information Science and Engineering Ritsumeikan University; Victor Kryssanov, Ritsumeikan University
P76-MM-2	247	Comparison between onomatopoeias and adjectives for evaluating tactile sensations	Junji Watanabe, NTT Communication Science Labs; Maki Sakamoto, The University of Electro-Communications
P77-MM-2	347	Onomatoperori: Search Engine for Cooking Recipes by Impression of their Tastes or Textures using Japanese Onomatopoeia	Chiemi Watanabe, Ochanomizu University; Satoshi Nakamura, Kyoto University
P78-LA-1	191	Intellectual Fuzzy controller with ADP block	Mihail Alexeyev, Kazakh British Technical University
P79-LA-1	270	Development of methods and models for assessing feasibility and cost-effectiveness of innovative projects	Galim Mutanov, al-Farabi Kazakh Natinal University; Zhanna Yessengalieva, al-Farabi Kazakh National University
P80-LA-2	262	The use of project-oriented learning approach for training IT professionals	Saya Sapakova, Kazakh National University
P81-LA-4	432	Narrative Forest: An Automatic Narrative Generation System with a Visual Narrative Operation Mechanism	Taisuke Akimoto, Iwate Prefectural University; Junpei Ono, Iwate Prefectural University; Takashi Ogata, Iwate Prefectural University
P82-LA-4	504	A study on the management method of ship entity for Intelligent Navigation Safety Information System	Doyeoun Kim, Mokpo National Maritime University; Gyei-kark Park, Mokpo National Maritime University; Moonsoo Chang, Seokyeong University
P83-LA-5	19	Using Linked Data for Intelligent Information Retrieval	I-Ching Hsu, National Formosa University; Lee Jang Yang, National Chung-Hsing University; Hsu-yang Lin, National Formosa University; Der-Chen Huang, National Chung-Hsing University
P84-LA-5	30	Active Transductive KNN for Sparsely Labeled Text Classification	Wang-xin Xiao, Research Institute of Highway; Xue Zhang, Peking University
P85-LA-5	47	APIO: A Description Logics based API Ontology Mapping System	Rui Li, Beihang University; Ma Shilong, Beihang University
P86-NK-2	215	An Iterated Greedy Algorithm for the Binary Quadratic Programming Problem	Fubito Toyama, Utsunomiya University; Kenji Shoji, Utsunomiya University; Hiroshi Mori, Utsunomiya University; Juichi Miyamichi, Utsunomiya University

P87-NK-2	394	An Improved K-means Algorithm in Topic Detection	Xiquan Yang, Northeast Normal University; Yinghua Lv, College of Humanities & Sciences of Northeast Normal University; Hui Sun, Northeast Normal University; Lin Fang, Northeast Normal University; Meijia Wang, Northeast Normal University; Xiaoshu Ma, Northeast Normal University	
P88-NK-4	266	User Recognition Using kinect and 3D Accelerometer Sensor for Navigation Robot	Kouhei Tanaka, Tokyo Metropolitan University; Yasunari Fujimoto, Tokyo Metropolitan University; Toru Yamaguchi, Tokyo Metropolitan University; Eri Sato-Shimokawara, Tokyo Metropolitan University	
P89-YN-1	49	Number determination of hidden units using internetwork cumulative weight	Ishii Shunichi, Shimane University; Rokui Jun, Shimane University	
P90-YN-2	428	Improved WTA problem solving method using a parallel genetic algorithm which applied the RMI initialization method	Sung-Sam Hong, Gachon University; Jongmin Yun, Gachon University; Bomin Choi, Gachon University; Jonghwan Kong, Gachon University; Myung-Mook Han, Gachon University	