

ROOM A (132)		ROOM B (142)	
Nov. 11	13:00	Recommend System Session Chair: Prof. Tomohiro Hayashida	Proposal on Matrix-Based Collaborative Filtering Using Personal Values Yuya Shiraishi, Yasufumi Takama
			Feature Extraction of Gameplays for Similarity Calculation in Gameplay Recommendation Kazuki Mori , Suguru Ito , Tomohiro Harada, Ruck Thawonmas, Kyung-Joong Kim
			Inter-Departmental Research Collaboration Recommender System based on Content Filtering in a Cold Start Problem Diana Purwitasari, Chastine Fatichah, I Ketut Eddy Purnama, Surya Sumpeno, Mauridhi Hery Purnom
	14:15	coffee	
14:30		Power System Session Chair: Prof. Takumi Ichimura	Dependable Parallel Multi-population Different Evolutionary Particle Swarm Optimization for Voltage and Reactive Power Control in Electric Power Systems Hotaka Yoshida, Yoshikazu Fukuyama
			Analysis of Cooperative Structure of Demand Response and Market Strategy of Aggregator Based on Payoff Allocation Shogo Nishiyama, Shinya Sekizaki, Ichiro Nishizaki, Tomohiro Hayashida
			Fault Classification in Transformer using Low Frequency Component Chaiyan Jettanasen, Atthapol Ngaopitakkul, Dimas Anton Asfani, I Made Yulistya Negara
	15:45	coffee	
16:00		<p>Keynote Talk (IEEE SMC Hiroshima Chapter Invited Special Talk) (ROOM 141)</p> <p>Chair: Jun-ichi Kushida</p> <p>Hardware/Software co-design SoCsystem for a Neural Network trained by Particle Swarm Optimization</p> <p>Prof. Yukinobu Hoshino (Kochi University of Technology, Japan)</p>	

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Nov. 12	9:30	Evolutionary Computation (1) Session Chair: Prof. Keiichi Niwa	Investigation on Introducing Qubit Convergence Measure to QEA in Maximum Cut Problem Yoshifumi Moriyama , Ichiro Iimura, Shigeru Nakayama	Neural Network Session Chair: Prof. Keiichi Tamura	Estimation of Missing Data of Showcase Using Artificial Neural Networks Daiji Sakurai, Yoshikazu Fukuyama, Adamo Santana, Yu Kawamura, Kenya Murakami, Tatsuya Iizaka, Tetsuro Matsui
			Particle Multi-Swarm Optimization: A Proposal of Multiple Particle Swarm Optimizers with Information Sharing Hiroshi Sho		Reduction of Catastrophic Forgetting in Multilayer Neural Networks Trained by Contrastive Hebbian Learning with Pseudorehearsal Shunta Nakano, Motonobu Hattori
			Cartesian Ant Programming Introducing Symbiotic Relationship between Ants And Aphids Jun-ichi Kushida, Naoya Mimura, Akira Hara, Tetsuyuki Takahama		Detection of Cotton Wool for Diabetic Retinopathy Analysis using Neural Network Toan Bui, Noppadol Maneerat, Ukrit Watchareeruetai
	10:45	coffee			
	11:00	Evolutionary Computation (2) Session Chair: Prof. Shinya Sekizaki	Acquisition of Multiple Block Preserving Outerplanar Graph Patterns by an Evolutionary Method for Graph Pattern Sets Fumiya Tokuhara, Tetsuhiro Miyahara, Tetsuji Kuboyama, Yusuke Suzuki, Tomoyuki Uchida	Data Mining/Feature Extraction Session Chair: Prof. Jun-ichi Kushida	Significant Feature Descriptors for Dementia Evaluation Using Simple Graphics Shota Hayashi, Hiroharu Kawanaka, Haruhiko Takase, Shinji Tsuruoka
			Multimodal Genetic Programming by Using Tree Structure Similarity Clustering Shubu Yoshida , Tomohiro Harada, Ruck Thawonmas		A Topology-based Approach for Feature Extraction from 3D Motion Gesture Kazuki Nakada, Keiji Miura
			Estimation of the Convergence Points of Population Using an Individual Pool Jun Yu, Hideyuki Takagi		Towards Efficient Mining of Non-Redundant Recurrent Rules from a Sequence Database SeungYong Yoon, Hirohisa Seki
	12:15	Lunch			MACD-Histogram-based Recurrence Plot: A New Representation for Time Series Classification Keiichi Tamura, Takumi Ichimura
	12:40				
	13:40				

	ROOM A (132)		ROOM B (142)	
13:40	Deep Learning (1) Session Chair: Prof. Tomohiro Hayashida	Photo Image Classification using Pre-trained Deep Network for Density-based Spatiotemporal Analysis System Tatsuhiro Sakai, Keiichi Tamura, Hajime Kitakami, Toshiyuki Takezawa An Evaluation of Distillation Deep Learning Network Architecture Yoshitaka Fujii, Takumi Ichimura A New Deep Learning Method Based on AlexNet Model and SSD Model for Tennis Ball Recognition Shenshen Gu, Lu Ding, Yue Yang, Xinyi Chen	Optimization Session Chair: Prof. Daisuke Hirotani	Development of Interactive Multi-Objective Reinforcement Learning Considering Preference Structure of a Decision Maker Hiroyuki Yamamoto, Tomohiro Hayashida, Ichiro Nishizaki, Shinya Sekizaki On the Distributed Optimization of Calendar Events Steffan Boodhoo, Patrick Hosein Stochastically Approximated Multiobjective Optimization of Dual Input Digital Doherty Power Amplifier Sufeng Niu, Koushik A. M, Rui Ma, Koon Hoo Teo, Shintaro Shinjo, Yuji Komatsuzaki
14:55	coffee			
15:10	Deep Learning (2) Session Chair: Prof. Akira Hara	Shortening Time Required for Adaptive Structural Learning Method of Deep Belief Network with Multi-Modal Data Arrangement Shin Kamada, Takumi Ichimura Generative Adversarial Network for Visualizing Convolutional Network Masayuki Kobayashi, Masanori Suganuma, Tomoharu Nagao Structural Optimization of Deep Belief Network Theorem for Classification in Speech Recognition Murman Dwi Prasetyo, Tomohiro Hayashida, Ichiro Nishizaki, Shinya Sekizaki	Data Analysis Session Chair: Prof. Kosuke Kato	Supporting System for Descriptive Quiz —Extract Keywords Causing Students' Lacking Self-confidence— Satoru Kimura, Haruhiko Takase, Hiroharu Kawanaka, Shinji Tsuruoka Proposal of Sentiment-based Tourist Spot Recommendation System Using RDF Database Yosuke Sakamoto, Yasufumi Takama RUL prediction for IMA based on deep regression method Zehai Gao, Cunbao Ma, Yige Luo
16:25	closing session			