

Monday

May 25 Wednesday, 2015 at Large Conference Room Tachibana (Large Hall) (on the second floor)				
1300-1445		Workshop on New Directions of Evolutionary Computation and Intelligent Systems 1 (Poster Session)		
Chaired by: HISASHI HANDA				
Dictionary Learning for Discovering Visual Elements of Fashion Styles JU-CHIN CHEN , Bai-Fen Xue, and Kawuu W. Lin	On Mutual Relations Amongst Evolutionary Algorithm Dynamics, its Hidden Complex Network Structures and Control IVAN ZELINKA	Ant Colony Optimization for Small-World Network and Traveling Salesman Problem HIDEFUMI SAWAI	Artificial Metamorphosis as a Way to Automatically Design Self-reconfiguring Robots MICHAL JOACHIMCZAK , Reiji Suzuki, and Takaya Arita	Planning of Space Station On-orbit Activities using Ontology Modeling and Time Iteration JIN ZHANG , and Zi-cheng Jiang
Effects of Topological Variations on Opinion Dynamics Optimizer RISHEMJIT KAUR , Ritesh Kumar, Amol P Bhondekar, Reiji Suzuki, Takaya Arita	The Evolution of Day Trading Strategy by means of Genetic Programming with Support Vector Machine HIDEYUKI MIURA , Naoki Mori, and Keinosuke Matsumoto	A Method Based on Interactive Evolutionary Computation for Increasing the Effectiveness of Advertisement Texts QUETZALI MADERA , Oscar Castillo, Mario Garcia-Valdez, and Alejandra Mancilla		

May 25 Wednesday, 2015 at Large Conference Room Tachibana (Large Hall) (on the second floor)				
1455-1640		Workshop on New Directions of Evolutionary Computation and Intelligent Systems 2 (Poster Session)		
Chaired by: HISASHI HANDA				
Use of an Achievement Scalarizing Function in MOEA/D KEN DOI , Yusuke Nojima, and Hisao Ishibuchi	Graph-Based Estimation of Distribution Algorithms with Kernel Density Estimation KENTA MAEZAWA , and Hisashi Handa	An Efficient Interactive Evolutionary Computation with Partial Solution Evaluation: A Case Study on Menu Planning Problem REI MATSUMOTO , Hiroshi Someya, Tomoko Kashima, and Yukiko Orito	A Study on Multipath Design Method Considering Traffic Load Balance based on Genetic Algorithm MOTOHIRO KANZA , Yosuke Tanigawa, and Hideki Tode	Program Refactoring by using Abstract Syntax Trees TAKENORI MATSUO , and Hisashi Handa
Constitution of Mahjong Players by Using Evolutionary Algorithms NAOKI HANATANI , and Hisashi Handa	Transposable Mutation Methods in Artificial Life System MOTOKI TANO , and Hiroshi Someya	Evaluating a Narrative Discourse Generation System Based on Automatic Analyses of a Series of Discourse Structures TAISUKE AKIMOTO , and Takashi Ogata	Differential Evolution on Scattered Parents with Resetting Parameters and Restarting Optimization when Optimization Stagnate RYO IWAI , and Shohei Kato	

May 25 Monday, 2015 at Small Conference Room 7 (on the third floor)				
Mo1-3F7 Workshop 0840-0945		Workshop on Swarm Intelligence 1		
Chaired by: JUNICHI KUSHIDA				
0840 hrs Special Invited Talk From a Problem Solving Skill to an Optimization Algorithm YUHUI SHI				

May 25 Monday, 2015 at Small Conference Room 7 (on the third floor)				
Mo2-3F7 Workshop 1000-1145		Workshop on Swarm Intelligence 2		
Chaired by: JUNICHI KUSHIDA				
1000 hrs A Hardware Implementation of Neural Network Trained by Particle Swarm Optimization with a Control of Velocity DANG TUAN LINH , and Yukinobu Hoshino	1020 hrs The Switched Ring Particle Swarm Optimizer and Its Application to Search of Maximum Power Point Naoto Ando, KOSUKE TANAKAJIMA and Toshimichi Saito	1040 hrs Collaborative Particle Swarm Optimization on Massively Parallel Processing Units YASUYUKI MIYAZATO , Takeshi Tengan, and Morikazu Nakamura		
1100 hrs Centripetal Accelerated Particle Swarm Optimization for Generating SNP Barcode in Breast Cancer Rong Jeng, Li-Yeh Chuang, Cheng-Han Wu, and CHENG-HONG YANG	1120 hrs High exploration particle swarm optimization for Clustering Problems Li-Yeh Chuang, Yu-shiun Lin, Yi-Kai Kao, Yu-Da Lin, and CHENG-HONG YANG			

May 25 Monday, 2015 at Small Conference Room 7 (on the third floor)		
Mo3-3F7 Workshop 1300-1445	Workshop on Evolutionary Multi-Objective Optimization 1	
Chaired by: SHINYA WATANABE		
1300 hrs Special InvitedTalk Evolutionary Many-Objective Optimization: Difficulties and Approaches HISAO ISHIBUCHI, and HIROYUKI SATO		
1400 hrs An Evolutionary Many-Objective Optimization Algorithm Based on Intergenerational Differences HIDEHIRO NAKANO, Ryunosuke Hayashi and Arata Miyauchi	1420 hrs A Control Method for Air Conditioning using Evolutionary Multi-Objective Optimization YOSHIHIRO OHTA	

May 25 Monday, 2015 at Small Conference Room 7 (on the third floor)		
Mo4-3F7 Workshop 1455-1640	Workshop on Evolutionary Multi-Objective Optimization 2	
Chaired by: HIROYUKI SATO		
1455 hrs A New Efficient EMO Algorithm based on Two Conflicting Mechanisms: Local Convergence and Escaping Local Optima HIBIKI SAMONJI, and Shinya Watanabe	1515 hrs A Specialized Approach based on Integration of Customers and Deliberate Restoration Mechanisms for Large Scale Vehicle Routing Problem MASASHI ITO, and Shinya Watanabe	1535 hrs A Study on Search to User's Preference Direction in Multi-objective Optimization Problems TOSHIHIRO KISHIGAMI, and Tomohiro Yoshikawa
1555 hrs Multi-Objective Optimization and Decision-Making of Space Station Logistics Strategies YA-ZHONG LUO, and Yue-he Zhu, and Jin Zhang	1615 hrs Co-Evolutionary Algorithm for Multi-Objective Games with Postponed Objective Preferences Erella Eisenstadt-Matalon, AMIRAM MOSHAIOV, and Gideon Avigad	

May 25 Monday, 2015 at Small Conference Room 7 (on the third floor)		
Mo5-3F7 Workshop 1700-1800	Workshop on Evolutionary Multi-Objective Optimization 3	
Chaired by: HISASHI HANDA		
1700 hrs An Efficient Parallel MOEA/D Generating Solutions in Less-Overlapped Update Areas of Solutions HIROYUKI SATO	1720 hrs A Study on Gradual Enhancement of the Approximation Granularity of Pareto Front in Evolutionary Many-Objective Optimization TOMOHISA HASHIMOTO, Hiroyuki Sato, and Minami Miyakawa	1740 hrs Challenges in Computational Sustainability: a New Multi-Objective Artificial Immune System Approach to Deal with Biodiversity Conservation SHANA SCHLOTTFELDT, Andre P. L. F. de Carvalho, Mariana P. C. Telles, and Jose Alexandre F. Diniz-Filho