

IEEE GrC 2014 Technical Session Program

(Note: Presentation of each paper is 20 minutes including discussion)

The last day: October 24 (Friday), 2014

12:45--14:45

Session Room 1

SS5: Advanced Computational Intelligence Techniques

Organizer: Dr. Hirosato Seki

Chair: Dr. Hirosato Seki

(1) G284:

Tomoyuki Araki, Takashi Suzuki, Yu Ohashi, and Shunji Maeda,

Fuzzy Datum Communication Considering Communication Channel Capacity and Error Correction

(2) G285:

Tomoharu Nakashima and Julien Piera,

Experimental Study on the Multiple Use of Training Patterns in Confidence-Weighted On-Line Learning for Fuzzy Classifiers

(3) G286:

Hirosato Seki,

SIRMs Connected Fuzzy Inference Model with Compatibility Functions

(4) G287:

Hirosato Seki and Tomoharu Nakashima,

Complex-Valued SIRMs Connected Fuzzy Inference Model

Session Room 2

Intelligent and Computer Sciences

Chair: TBA

(1) G222:

Chu-Fu Wang, Wen-Yi Hung, and Chen-Shun Hung,

A Prediction Based Energy Conserving Resources Allocation Scheme for Cloud Computing

(2) G244:

Mounira Msahli,
PCM in Cloud

(3) G226:

Hong Hu, Panyi Ouyang, Liang Pang, and Zhongzhi Shi,
A Hybrid Approach of PTSVM and ELM Inspired by Samples' Geometric Distribution Structure

(4) G211:

Chunlai Zhou and Ziyang Lin,
Scheme Selection of Artwork Customization Designing Based on Analytical Hierarchy Process

(5) G204:

Zhenwu Wang,
A Development and Configuration Framework of Web Information System Based on JavaEE

(6) G206:

Feng Liu, Xiaoyu Liu, and Yi Chen,
An Efficient Detection Method for Rare Colored Capsule Based on RGB and HSV Color Space

Session Room 3

Applications of Granular Computing

Chair: Dr. Yoshifumi Kusunoki

(1) G203:

Ya Zhu and Changhui Yan,
Graph Methods for Predicting the Function of Chemical Compounds

(2) G241:

Ching Lee Koo, Mohd Saberi Mohamad, Sigeru Omatu, Abdul Hakim Mohamed Salleh, Safaai Deris, and Michifumi Yoshioka,
A Gene Knockout Strategy for Succinate Production Using a Hybrid Algorithm of Bees Algorithm and Minimization of Metabolic Adjustment

(3) G240:

Swee Thing Low, Mohd Saberi Mohamad, Sigeru Omatu, Lian En Chai, Safaai Deris, and Michifumi Yoshioka,

Inferring Gene Regulatory Networks from Perturbed Gene Expression Data Using a Dynamic Bayesian Network with a Markov Chain Monte Carlo Algorithm

(4) G201:

Ting-Ru Lin, Ching-Jung Yang, and I-Jen Chiang,

Improvement of Prognostic Models for ESRD Mortality by the Bootstrap Method with Random Hot Deck Imputation