

(Tentative Schedule)

Thursday, Nov 7

	IES/CSBio 2013
17:30~18:00	Registration
18:00~18:10	Welcome by Sung-Bae Cho
18:10~19:30	Reception

Friday, Nov 8

	IES 2013	CSBio 2013
09:00~09:50	Keynote (50 min) - Kay C. Tan	
09:50~10:10	Coffee Break	
10:10~11:50	IES Session 1 (#54, #10, #38, #45, #59)	CSBio Session 1 (#4, #10, #30, #31, #32)
11:50~13:00	Lunch	
13:00~13:50	Keynote (50 min) - Y. S. Ong	
13:50~14:00	Break	
14:00~15:20	IES Session 2 (#33, #18, #46, #21)	CSBio Session 2 (#5, #11, #25, #28)
15:20~15:40	Coffee Break	
15:40~17:00	IES Session 3 (#39, #57, #56, #15)	CSBio Session 3 (#1, #9, #17, #34)
19:00~21:00	Banquet (Korea House)	

Saturday, Nov 9

	IES 2013	CSBio 2013
09:00~09:50	Keynote (50 min) - Bob Mckay	
09:50~10:10	Coffee Break	
10:10~11:50	IES Session 4 (#61, #53, #41, #49, #47)	CSBio Session 4 (#18, #39, #40, #41)
11:50~13:00	Lunch	
13:00~14:40	IES Session 5a (#43, #51, #23, #19, #35)	IES Session 5b (#5, #11, #26, #50, #29)
14:40~15:00	Coffee Break	
15:00~16:40	IES Session 6 (#17, #58, #12, #9, #2)	
16:40~17:00	Closing Remarks by Sung-Bae Cho	

The Asia Pacific Symposium of Intelligent and Evolutionary Systems (IES 2013)

IES Session 1 (YERP 170E) Business & Economics - TBA

Date/Time : 10:10 - 11:50, Fri. 8 November 2013

Data Management with Flexible and Extensible Data Schema in CLANS - *Shuai Wang, Yuanyuan Man and Irwin King*

A Study of Forest Recreation Evaluation Model in China - *Ying Zhang and Xue Zhou*

Numerical Analysis on “Trap of Credit Creation” in Macroeconomics under Zero-Interest-Rate Policy - *Yu Murata, Tomohiro Inoue and Moto Kamiura*

A stochastic aggregation of economic behavior: the case of switching rule in the adaptive belief system - *Tae-Seok Jang*

A Comprehensive Analysis of Time Series Segmentation on Japanese Stock Prices - *Aki-Hiro Sato*

IES Session 2 (YERP 170E) Agents - TBA

Date/Time : 14:00 - 15:20, Fri. 8 November 2013

Analysis for the Gait Patterns of Healthy Subjects During March - *Tomohiro Shirakawa, Moto Kamiura, Akihiro Takagi and Hiroshi Sato*

Trajectory Mining for Keystroke Dynamics Authentication - *Kasem Wangsuk and Tanapat Anusas-Amornkul*

Structural influence of fields on the performance of the unknown field coverage algorithm by means of multi-agent - *Hidemi Yamachi, Yasuhiro Tsujimura, Yasushi Kambayashi and Hisashi Yamamoto*

A cognitively inspired heuristic for two-armed bandit problems: The loosely symmetric (LS) model - *Kuratomo Oyo and Tatsuji Takahashi*

IES Session 3 (YERP 170E) Evolutionary Computation I - TBA

Date/Time : 15:40 - 17:00, Fri. 8 November 2013

Overtaking Method based on Variance of Values: Resolving the Exploration–Exploitation Dilemma - *Kento Ochi and Moto Kamiura*

Bias Reduction of Probabilistic Prototype Tree Based Estimation of Distribution Genetic Programming in Predicting Arthritis Prevalence - *Kangil Kim and Hanggun Cho*

Towards Believable Resource Gathering Behaviours in Real-time Strategy Games with a Memetic Ant Colony System - *Xianshun Chen, Yew Soon Ong, Liang Feng, Meng Hiot Lim, Caishun Chen and Choon Sing Ho*

Performance of Incremental Genetic Programming on Adaptability of Snake-like Robot - *Naoki Mukosaka, Ivan Tanev and Katsunori Shimohara*

IES Session 4 (YERP 170E) Neural Network and Fuzzy Systems - TBA

Date/Time : 10:10 - 11:50, Sat. 9 November 2013

A new linguistic variable in interval type-2 fuzzy entropy weight of a decision making method - *Lazim Abdullah and Nurnadiyah Zamri*

A Simulation Framework for Neuron-based Molecular Communication - *Junichi Suzuki, Harry Budiman, Timothy A. Carr and Jane H. Deblois*

Multi Neural Networks Investigation based Sleep Apnea Prediction - *Yashar Maali and Adel Al-Jumaily*

One-Shot Classification of 2-D Leaf Shapes Using Distributed Hierarchical Graph Neuron (DHGN) Scheme with k-NN Classifier - *Anang Hudaya Muhamad Amin and Asad I. Khan*

The Automated Fault-Recovery for Four-Legged Robots using Parallel Genetic Algorithm - *Hyunsoo Park and Kyung-Joong Kim*

IES Session 5a (YERP 170E) Optimization and Estimation - TBA

Date/Time : 13:00 - 14:40, Sat. 9 November 2013

Effect of Second Best Particle Information for Particle Swarm Optimization - *Young-Bin Shin and Eisuke Kita*

Hybrid of Rule-based Systems Using Genetic Algorithm to Improve Platform Game Performance - *Hyun-Tae Kim and Kyung-Joong Kim*

Dynamic Multiobjective Optimization Using Evolutionary Algorithm with Kalman Filter - *Arrchana Muruganatham, Yang Zhao, Sen Bong Gee, Xin Qiu and Kay Chen Tan*

Dynamic state estimation in vehicle platoon system by applying particle filter and unscented Kalman filter - *Hironori Suzuki*

Estimation of subjects that are distributed at a high density from non-pixel information applying NMF - *Yusuke Kubo, Masao Kubo, Hiroshi Sato and Akira Namatame*

IES Session 5b (YERP 173) Complex Structure and Systems - TBA

Date/Time : 13:00 - 14:40, Sat. 9 November 2013

Collective behavior in Cascade and Schelling model - *Saori Iwanaga and Akira Namatame*

An iterative algorithm for motif discovery - *Yetian Fan, Wei Wu and Wenyu Yang*

Diffusion centrality in interconnected networks - *Kiyotaka Ide, Ryota Zamami and Akira Namatame*

Interactive Evolution of 3D Models based on Direct Manipulation for Video Games - *Du-Mim Yoon and Kyung-Joong Kim*

Improve Network's Robustness against Cascade with Rewiring - *Hoang Anh Q. Tran and Akira Namatame*

Applying Non-negative Matrix Factorization to Classify Superimposed Handwritten Digits - *Somnuk Phon-Amnuaisuk*

Learning to Predict the Need of Summarization on News Articles - *Ji Eun Lee, Hyunsoo Park, Kyung-Joong Kim and Jaechun No*

A Proposal of Real-Time Scheduling Algorithm based on RMZL and Schedulability Analysis - *Ken Yanai, Myungryun Yoo and Takanori Yokoyama*

A Packet Switch Scheduler based on 2DRR for High-Throughput - *Kazunori Omori, Myungryun Yoo and Takanori Yokoyama*

Enriched Diagrammatic Representation for Resolution - *Sabah Al-Fedaghi*

CSBio Session 1 (YERP 173) TBA - *Jin-Wu Nam*

Date/Time : 10:10 - 11:50, Fri. 8 November 2013

Towards the Identification of Disease Associated Protein Complexes - *Duc-Hau Le, Quang Uy Nguyen, Quang Dung Pham, Thi Thanh Binh Huynh, and Yung-Keun Kwon*

How to Infer the Interactive Large Scale Regulatory Network in 'Omic' Studies - *Asako Komori, Yukihiro Maki, Isao Ono, and Masahiro Okamoto*

A Next-Generation Sequence Clustering Method for *E. Coli* through Proteomics-Genomics Data Mapping - *Mikang Sim, Ho-Sik Seok, and Jaebum Kim*

An Efficient and Effective Wrapper Based on Paired *t*-Test for Learning Naive Bayes Classifiers from Large-Scale Domains - *Chanju Kim, Honglan Li, Soo-Yong Shin, and Kyu-Baek Hwang*

Transcriptional Regulatory Network of *Arabidopsis* Starch Metabolism under Extensive Light Condition: A Potential Model of Transcription-Modulated Starch Metabolism in Roots of Starchy Crops - *Somkid Bumee, Papapit Ingkasuwat, Saowalak Kalapanulak, Asawin Meechai, Supapon Cheevadhanarak, and Treenut Saithong*

CSBio Session 2 (YERP 173) TBA - *Kyu-Baek Hwang*

Date/Time : 14:10 - 15:20, Fri. 8 November 2013

A Generic, Service-Based Data Integration Framework Applied to Linking Drugs & Clinical Trials - *Chris Borckholder, Andreas Heinzl, Yuriy Kaniovskiy, Siegfried Benkner, Arno Lukas, and Bernd Mayer*

A Model of Amylopectin Biosynthesis Based on the Activities of Key Enzymes Coupled with the Crystallization Process - *Teeraphan Laomettachit*

Semi-Automatic Approach for Ontology Enrichment Using UMLS - *Abdul-Mateen Rajput and Harsha Gurulingappa*

Epileptic Seizure Identification from Electroencephalography Signal Using DE-RBFNs Ensemble - *Satchidananda Dehuri, Alok Jagadev, and Sung-Bae Cho*

CSBio Session 3 (YERP 173) TBA - *Jaebum Kim*

Date/Time : 15:40 - 17:00, Fri. 8 November 2013

A Comparative Study of Feature Selection and Classification Methods for Gene Expression Data of Glioma - *Heba Abusamra*

Classification of Eukaryotic Splice-Junction Genetic Sequences Using Averaged One-Dependence Estimators with Subsumption Resolution - *Zaw Zaw Htike and Shoon Lei Win*

Recognition of Promoters in DNA Sequences Using Weightily Averaged One-Dependence Estimators - *Zaw Zaw Htike and Shoon Lei Win*

CalcGen Sequence Assembler Using a Spatio-Temporally Efficient DNA Sequence Search Algorithm - *Kyong Oh Yoon and Sung-Bae Cho*

Ligand Path : A Software Tool for Mapping Dynamic Ligand Migration Channel Networks - *Tu-Liang Lin and Hong-Yi Chang*

Screening of Gold Biomineralization mechanism in Cyanobacteria - *Sivamoke Dissook, Krittima Anekthanakul, and Weerayuth Kittichotirat*

Apriori Gene Set-Based Microarray Analysis for Disease Classification Using Unlabeled data - *Worrawat Engchuan and Jonathan Chan*

Preliminary Monitoring Barnacles Growth on the Underwater Hull of an FRP Boat Using SCILAB Programming (Image Processing) - *Shaiful Bahri Ismail, Zulzamri Salleh, and Mohd Yuzri Mohd Yusop*