Program (Final version)

Dec 4th Friday

13:00 – Opening remarks
Prof. Jun Tanimoto (Kyushu University)

Game & Network
Chair, Prof. Hiroshi Sato (National Defense Academy)
13:10 – 13:30 Factorial analysis on network reciprocity in Prisoner’s Dilemma Game
Atsuo Yamauchi (Kyushu University), Jun Tanimoto, Aya Hagishima
13:30 – 13:50 Game participation cost brakes the advantage of heterogeneous networks for evolving cooperation
Jun Tanimoto (Kyushu University), Atsuo Yamauchi
13:50 – 14:10 A Study of the Relationship between Scale-freeness and Evolution of Cooperation
Ei Tsukamoto (University of Tokyo), Susumu Shiraiyama

Special Talk
Chair, Prof. Jun Tanimoto (Kyushu University)
14:20 – 14:55 Prospects for a network theory of complex adaptive systems
Prof. David G. Green (Monash University)

Social System with Cooperation & Physics world
Chair, Prof. Akira Namatane (National Defense Academy)
15:05 – 15:25 Dilemma game structure in traffic flow brought by a bottleneck
Makoto Nakata (Kyushu University), Atsuo Yamauchi, Jun Tanimoto, Aya Hagishima
15:25 – 15:45 The strategy considering the opponent's cooperativeness and the evolution of cooperation on the network
Manabu Iwata (University of Tsukuba), Eizo Akiyama
15:45 – 16:05 Spontaneous pattern formation on a radical gelation surface
- 3-dimensional measurement and pattern control -
T.Mizoue, Y.Aoki, M.Tokita, H.Honjo, H.J.Barraza, H.Katsuragi (Kyushu University)

Invited Talk
Chair, Prof. Jun Tanimoto (Kyushu University)
16:15 – 17:15 Swarm Oscillators
Prof. Dan Tanaka (Nagoya University)

16:30 – 17:30 Banquet

Dec 5th Saturday
Network & Evolution  
Chair, Prof. Jun Tanimoto (Kyushu University)

9:00 – 9:20  Diffusion Dynamics with Network Externalities  
Hiroshi Morita (National Defense Academy), Akira Namatame, Hiroshi Sato

9:20 – 9:40  Evolutionary Optimized Consensus and Synchronization Networks  
Toshihiko Yamamoto (National Defense Academy), Hiroshi Sato, Akira Namatame

9:40 – 10:00  A Constructive Approach to the Evolution of the Planning Ability  
Kenichi Minoya (Nagoya University), Tatsuo Unemi, Reiji Suzuki, Takaya Arita

Network & Process  
Chair, Prof. Hiroshi Sato (National Defense Academy)

10:10 – 10:30  Termination Process of the Analytic Hierarchy Process  
Yumi Tadano (Hokkaido University), Hidenori Kawamura, Keiji Suzuki, Azuma Ohuchi

10:30 – 10:50  Indoor Positioning Method Based on RSSI Pre-Observation with ZigBee Network  
Junpei Tsuji (Hokkaido University), Hidenori Kawamura, Keiji Suzuki, Takeshi Ikeda, Akio Sashima, Koichi Kurumatani

Invited Talk  
Chair, Akira Namatane (National Defense Academy)

11:00 – 12:00  Network Science: Structure, dynamics and its applications  
Prof. Jeong, Hawoong (KAIST)

Lunch break

Complex society  
Chair, Prof. Reiji Suzuki (Nagoya University)

13:00 – 13:20  Several Social Networks and Collective Behavior  
Saori Iwanaga (Japan Coast Guard Academy), Akira Namatame

13:20 – 13:40  Human interactions in terms of dynamic programming hinted by von Stackelberg’s players  
Yuji Aruka (Chuo University)

13:40 – 14:00  Behaviour of Posting Activities of 2ch Users  
Masao Kubo (National Defense Academy), Keitaro Natuse, Hiroshi Sato

14:00 – 14:20  Estimating User's Intention from the Movement of Mouse  
Hiroshi Sato (National Defense Academy)

Closing Remarks  
Prof. Akira Namatane (National Defense Academy)