

NIDISC 2013 Program

8:50 - 9:00 - NIDISC 2013 Opening

9:00 - 10:00 - NIDISC 2013 Keynote

- **Energy-Aware Robust Resource Management for Parallel Computing Systems**
H.J. Siegel

10:00 - 10:30 - Coffee Break

10:30 - 11:50 - Session 1: Multi-Objective Optimization

- **A Possibilistic framework for solving multi-objective problems under uncertainty: Definition of new Pareto optimality**
Bahri Oumayma, Ben Amor Nahla, El-Ghazali Talbi
- **A Parallel Multiobjective Local Search for AEDB Protocol Tuning**
Santiago Iturriaga, Patricia Ruiz, Sergio Nesmachnow, Bernabé Dorronsoro, Pascal Bouvry
- **Scalability Analysis of the Asynchronous Master-Slave Borg Multiobjective Evolutionary Algorithm**
David Hadka, Kamesh Madduri, Patrick Reed
- **ShadObf: A C-source Obfuscator based on Multi-objective Optimisation Algorithms**
Benoit Bertholon, Sébastien Varrette, Sébastien Martinez

11:50 - 13:40 - LUNCH

13:40 - 15:00 - Session 2: Application of Bio-Inspired Algorithms

- **Application of Evolutionary Algorithms to Maximum Lifetime Coverage Problem in Wireless Sensor Networks**
Antonina Tretyakova, Franciszek Seredynski
- **Tree-Based Consensus Model for Proline Cis-Trans Isomerization Prediction**
Paul D. Yoo, Albert Y. Zomaya, Khalfan Alromaithi, Sara Alshamsi

- **Multi-Segment Green Light Optimal Speed Advisory**

Marcin Seredynski, Wojciech Mazurczyk, Djamel Khadraoui

- **The Lévy Particle Swarm Applied in an electrical power grid**

Ismail Boussaad, Frederic Heliodore, Serge Poullain, Eric Courbon, Amir Nakib, Patrick Siarry

15:00 - 15:30 - Coffee Break

15:30 - 16:30 - Session 3: Scheduling and Resource Allocation

- **Optimal peer selection strategy in P2P-VoD systems using based Dynamic Evolution Strategy**

Thibaud Rohmer, Amir Nakib, Abdelhamid Nafaa

- **Optimization of shared-memory multicore systems using Game Theory and Genetic Algorithms on Cellular Automata lattices**

Michail-Antisthenis I. Tsompanas, Christoforos Kachris, Georgios Ch. Sirakoulis

- **Cost Minimization of Service Deployment in a Public Cloud environment**

Francois Legillon, Nouredine Melab, Didier Renard, El-Ghazali Talbi

16:30 - 16:40 - NIDISC 2013 Closing