

NIDISC 2015 Program

8:50 - 9:00 - NIDISC 2015 Opening

9:00 - 10:00 - NIDISC 2015 Keynote

- **Robust Energy-Aware Scheduling Metaheuristics in the Presence of Uncertainty**
H.J. Siegel

10:00 - 10:30 - Coffee Break

10:30 - 11:45 - Session 1: Applications of Bio-Inspired Algorithms

- **Dynamic Job Scheduling in the Cloud Using Slowdown Optimization and Sandpile Cellular Automata Model**
Jakub Gasior and Franciszek Sereczynski
- **A Multi-Objective Evolutionary Algorithm for Cloud Platform Reconfiguration**
François Legillon, Nouredine Melab and El-Ghazali Talbi
- **Genetic Algorithm Approach for Adjusting the Prediction of Load in Distributed Virtual Simulations**
Robson De Grande and Azzedine Boukerche

11:45 - 13:40 - LUNCH

13:40 - 15:20 - Session 2: Parallel, Distributed and Adaptive Algorithms

- **Differential Evolution on a GPGPU: The Influence of Parameters on Speedup and the Quality of Solutions**
Omar Cortes, Mônica Sakuray Pais, Filipo Novo Mór, Andrew Rau-Chaplin and César Marconi
- **Distributed Cellular Evolutionary Algorithms in a Byzantine Environment**
Jakub Muszynski, Sébastien Varrette, Bernabé Dorronsoro and Pascal Bouvry
- **Bayesian based metaheuristic for large scale continuous optimization**
Amir Nakib and Patrick Siarry
- **Firefly inspired Improved Distributed Proximity Algorithm for D2D Communication**
Ajay Pratap and Rajiv Misra

15:20 - 15:30 - NIDISC 2015 Closing