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 Seredynski

  • 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

• 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