

Symposium Series on Computational Intelligence



IEEE SSCI 2011

April 11 – 15, 2011

Paris, France

2011 IEEE Symposium on Computational Intelligence in Scheduling

The 2011 IEEE Symposium on Computational Intelligence in Scheduling (CI-Sched 2011) invites research on all aspects of computational intelligence applied to scheduling problems. Due to their huge search spaces that have to be explored, scheduling problems cannot usually be solved by exact approaches. Therefore, significant research attention has been attracted on exploring techniques in Computational Intelligence (including evolutionary computation, neural networks, swarm intelligence, fuzzy logic, and their hybridizations, etc.). This symposium aims to explore recent advances in this area.

Topics include, but are not limited to, the following:

* Computational Intelligence in:

- Production Scheduling
- Personnel Scheduling
- Sports Scheduling
- Educational Timetabling
- Commercial Scheduling packages
- Transport Scheduling
- Other scheduling problems

* Complexity Issues in scheduling

* Comparison of Techniques (e.g. compare Neural Networks with Fuzzy Logic; comparison of a meta-heuristic approach with a CI approach)

* Interactive Scheduling using Computational Intelligence

* Experiences of CI within Scheduling

* Case Studies

* Theoretical or empirical analysis of evolutionary algorithms and representations for scheduling

Symposium Chairs

Rong Qu, University of Nottingham, UK

Ender Ozcan, University of Nottingham, UK

Michel Gendreau, Université de Montréal, Canada

IMPORTANT DATES

Paper Submission Due: October 31, 2010
Notification to Authors: December 15, 2010
Camera-Ready Papers Due: January 15, 2011

**Please visit www.ieee-ssci.org
or contact ssci2011@poleia.lip6.fr for
submission information and additional details**