2009 IEEE Symposium on Computational Intelligence in Scheduling (CI-Sched 2009)

http://www.ieee-ssci.org/index.php?q=node/13

March 30 – April 2, 2009   Sheraton Music City Hotel, Nashville, TN, USA

Symposium Chairs
Rong Qu, Kay Chen Tan, Michel Gendreau

Program committee
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CALL FOR PAPERS

CI-Sched 2009 covers research on all aspects of computational intelligence applied to scheduling. Due to the huge search spaces that have to be explored, scheduling problems cannot usually be solved by exact approaches. Therefore we often have to turn to techniques in Computational Intelligence (including evolutionary computation, memetic algorithms, neural networks, swarm intelligence, fuzzy logic, etc.) This symposium aims to explore recent advances in this area.

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

- Computational Intelligence in:
  - Course and Examination Timetabling
  - Commercial Scheduling packages
  - Employee Scheduling
  - Production Scheduling
  - Sports Scheduling
  - Transport Scheduling
- Complexity Issues in scheduling
- Interactive Scheduling using Computational Intelligence
- Comparison of Techniques (e.g. compare Neural Networks with Fuzzy Logic or comparison of a meta-heuristic approach with a CI approach)
- Experiences of CI within Scheduling
- Case Studies
- Theoretical or empirical analysis of evolutionary algorithms and representations for scheduling

Prospective authors are invited to prepare papers of no more than eight (8) pages in IEEE double-column conference style, including results, figures and references**. Submissions are to be made via http://www.ieee-cis.org/conferences/cisched2009/upload.php, More submission information is at http://www.ieee-ssci.org/index.php?q=node/36.

Authors of papers related to memetic algorithms are invited to submit extended versions of their papers to a special issue of the Journal of Memetic Computing.

Important Dates

Submission Deadline:	~~October 31, 2008~~ **November 12, 2008**
Notification to Authors:	November 30, 2008
Camera-Ready Due:	January 15, 2009

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