2010 IEEE Congress on Evolutionary Computation

July 18–23, Barcelona, Spain

Special Session on
Evolutionary Computation in Scheduling

Scheduling problems have received considerable attention due to their wide applications in real world. The objectives of scheduling problems are constrained, complex, large-scale, multiple, or mixture of them. In addition, dynamic scheduling problems with uncertain, noisy, or time-varying fitness functions have gained an increasing interest recently.

Evolutionary computation has shown to be effective for scheduling problems. This special session is to explore recent research advances on all aspects of evolutionary computation on scheduling problems.

Topics of interest include, but are not limited to:

- Theoretical or empirical analysis of evolutionary algorithms for scheduling problems
- Benchmark problems and performance metrics
- Dynamic scheduling problems
- Single and multi-objective scheduling
- Hybrid methods for scheduling problems
- Applications (production scheduling, educational timetabling, project scheduling, network routing, self-organization of wireless networks, etc.)
- Comparative studies

Submission

Please use the main IEEE CEC 2010 online submission system at:
http://ieee-cis.org/conferences/cec2010/upload.php

Important Dates:

January 31, 2010	Paper submission
March 15, 2010	Notification of acceptance
May 2, 2010	Final manuscript

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