

Special Session on

“Nature-Inspired Algorithms for Combinatorial Optimization”

Organizes: **Aziz Ouaarab, Belaïd Ahiod, Xin-She Yang**

Nature-inspired algorithms have become popular in recent years due to their flexibility and efficiency. These algorithms can be very promising to solve complex optimization problems, including NP-hard combinatorial optimization problems. This special session aims to provide a timely discussion on the recent developments of nature-inspired algorithms and their applications in combinatorial optimization. We encourage researchers, especially young researchers, to present their latest results and work in progress.

Topics include (but not limited to):

- Algorithm analysis of nature-inspired algorithms
- PSO, cuckoo search, bat algorithm, firefly algorithm, genetic algorithms, etc.
- New applications case studies in combinatorial optimization
- Travelling salesman problem, scheduling, flow shop, etc.

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