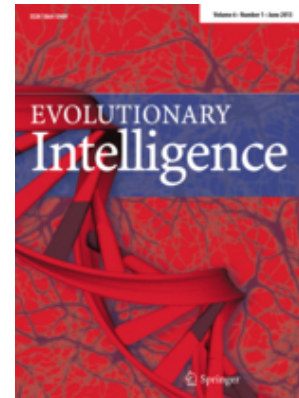


Call for Papers

Evolutionary Intelligence



Special Issue on

“Swarm Intelligence and its applications to engineering”

With the development of advanced technology, computational requirements have become high. Usually, for high computational needs, traditional algorithms become infeasible. In such case, some intelligent way of problem solving is required and swarm intelligence is one of them. Social creatures, like birds, fishes, ants, bees, termites etc, exhibit an intelligent social behavior during the search of food or protecting themselves from predators. This intelligent social behavior is usually, referred as Swarm Intelligence. In swarm intelligence, an intelligent behavior is evolved in a group of simple agents through collaborative trial and error. The swarm intelligence techniques provide adaptive computational tools for the complex optimization problems. Researchers have always been fascinated with swarm intelligence and applied this to develop some advanced intelligent algorithms to solve the problems where either traditional approaches fail or infeasible to use.

This special issue serves as a forum for facilitating and enhancing information-sharing among researchers, ranging from development of advanced swarm intelligent algorithms and/or applying existing one for solving engineering problems. Researchers are invited to submit their original and unpublished research work in the following (but not limited to) areas:

- Particle swarm optimization
- Artificial bees and fireflies algorithm
- Bacterial foraging optimization
- Ant colony optimization
- Swarm robotics
- Artificial immune systems

- Glow worm swarm optimization
- Biogeography based optimization
- Spider Monkey Optimization
- Hybridization of swarm intelligence methods
- Review and comparative studies of swarm intelligence techniques
- New methodologies inspired from learning behavior of social insects
- Theory and practice of swarm intelligence methods in different domains
- Real-world problem solving using swarm intelligence methods

Submission Instructions:

Submission of papers: 31st August, 2018

Notification of review results: 31st October, 2018

Submission of revised papers: 30th November, 2018

Notification of review result (if required): 31st December, 2018

Submission of revised papers (if required): 31st January, 2019

Notification of final review results: 28th February, 2019

All the papers should be formatted in the standard Evolutionary Intelligence format. See the [Instructions for Authors](#) at the Journal's homepage. All submissions should be submitted through online submission system of Evolutionary Intelligence.

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