

Call for Papers

International Journal of System Assurance Engineering and Management (IJSA)

Special Issue on

“Swarm Intelligence and its applications to engineering”

Guest Editors:

Jagdish Chand Bansal

South Asian University Delhi, India

jcbansal@gmail.com

Harish Sharma

RTU Kota, India

hsharma@rtu.ac.in

Kusum Deep

IIT Roorkee, India

kusumdeep@gmail.com

Kedar Nath Das

NIT Silchar

kedar.iitr@gmail.com

Atulya Nagar

Liverpool Hope University, UK

nagara@hope.ac.uk

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. Researchers have always been fascinated with swarm intelligence and applied this to develop some advanced intelligent algorithms to solve the complex optimization 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 Researchers are invited to submit their original and unpublished research work in the following (but not limited to) areas:

- Swarm Intelligence based Algorithms
- Nature Inspired Algorithms
- 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:

28th February, 2017

First review result:

30th April, 2017

Publication:

30th December, 2017

Paper Submission Instructions: All the papers should be formatted in the standard IJSA format. See the [Instructions for Authors](#) at the [Journal's homepage](#). All submissions should be submitted through [online submission system of IJSA](#). For submission, please select “**SI: Swarm Intelligence and its applications to engineering**”, as article type.