

Call for Papers

SocProS 2013

Special Session on

Recent Advancement in Metaheuristics and their Applications

during 3rd International Conference on

Soft Computing for Problem Solving

December 26-28, 2013, Greater Noida Extension Centre, IIT Roorkee, INDIA

Scope

Metaheuristics are identified as the most effective and appealing choice for solving a wide set of typical or complex problems. The research in this direction is based on the idea of developing an efficient algorithmic framework which can be applied to different optimization problems with relatively few modifications to make them adapted to a specific problem. This special session is organized to explore and examine all the empirical and theoretical advancement in Metaheuristics for dealing various real world problems encountered in science, engineering, industrial and other domains.

Aim

The aim of this special session is to bring together researchers, scientists, engineers and academicians on same platform to exchange information and ideas and research results on aspects of Metaheuristics and their application to solve real world problems.

Call for Papers

Authors are invited to submit their original unpublished work related but not limited to the following topics:

Hill Climbing, Simulated Annealing, Tabu Search etc.

Evolutionary Algorithms, Ant systems, Particle swarms, Artificial Immune Systems

Neural Networks

Hybrid Methods (including use of non-metaheuristic techniques)

Combinatorial Optimization, Multiobjective Optimization

Parallel Metaheuristics, New Metaheuristic Approaches and operators

Case studies and Real-world applications

Comparison/Review Studies

Important

Paper Submission: **August 10, 2013** Paper Acceptance: **August 30, 2013**

Paper Publication

All accepted papers will be published online in the AISC Series of Springer. Extended version of selected papers will be published in special issues of international journals.

Paper Submission

All manuscripts should be prepared in the [AISC \(Advances in Intelligent Systems and Computing\) Springer format](#). All submissions have to be made online using the link <https://www.easychair.org/conferences/?conf=socpros2013>

Registration

Registration details are available on <http://socpros13.scrs.in/registration.php>

Track Chair

Dr. Pinkey Chauhan (Email: pinkeychauhan030@gmail.com)
Dr. Shashi Barak (Email: shashibarak@gmail.com)

(Looking forward to see you at Greater Noida Centre of IIT, Roorkee in December 2013)