

Call for Papers

SocProS 2015

(<http://socpros15.scrs.in/>)

Special Session on

Advances and Applications of Differential Evolution Algorithm (AADEA)

In association with 5th International Conference on Soft Computing for Problem Solving
December 18-20, 2015 at SAHARANPUR CAMPUS, INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, INDIA

Scope	Differential Evolution (DE) algorithm is an efficient real parameter optimizer for a large number of complex optimization problems. The success of DE has been ubiquitously evidenced in various problem domains, e.g., continuous, combinatorial, mixed continuous-discrete, single-objective, multi-objective, constrained, large-scale, multimodal, dynamic and uncertain optimization problems. This special session on AADEA is organized to explore and exchange the recent advancements and various applications of DE to deal with real world complex problems in Science, Engineering and Management.
Aim	The aim of this Special Session is to bring together researchers, scientists, engineers and academicians to review and re-analyze past achievements, to report and discuss latest advances, and to explore and propose future directions in this rapidly emerging research area.
Call for Papers	Authors are invited to submit their novel research and unpublished work to this special session. Topics of interests include but are not limited to the following: <i>Initialization Process in DE; Tuning of Control Parameters in DE; Asynchronous and Synchronous DE; Hybridization of DE with other Evolutionary algorithms; Self Adaptive DE; Strategies of DE</i> Applications of Differential Evolution in: <i>Complex, Dynamic and Uncertain Environment, Networking, Bioinformatics, Cloud Computing Supply Chain Management, Green Computing, Data Mining, Image Processing</i>
Dates to Remember	Paper Submission May 15, 2015 Notification of Acceptance Aug. 10, 2015 Registration of Authors of accepted papers Sep. 01, 2015
Paper Publication	All the accepted papers to be presented in this session will be published in the proceeding of AISC series of Springer and the extended versions of the selected papers will be published in special issue of the International Journals .
Paper Submission	Full Length paper in the prescribed format of Springer can be submitted through the easy chair link provided at the Conference website: http://easychair.org/conferences/?conf=socpros2015
Track Chair	Vaishali (vaishaliyadav26@gmail.com), Amity University, Rajasthan Bhagyashri Naruka (bhagyashree.naruka@gmail.com), Amity University, Rajasthan Ashwani Kumar Yadav (ashwaniy2@gmail.com), Amity University, Rajasthan

Looking forward to join us at Saharanpur Campus of IIT Roorkee, India in December 2015