6th International Conference on
Soft Computing for Problem Solving
SocProS 2016

an annual event of Soft Computing Research Society

December 23-24, 2016

website: www.socpros16.scrs.in

SCHOOL OF MATHEMATICS, THAPAR UNIVERSITY, PATIALA, INDIA

THAPAR UNIVERSITY

SOFT COMPUTING RESEARCH SOCIETY — SRCS

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THEME OF THE CONFERENCE

The term Soft Computing represents a collection or set of computational techniques in machine learning, computer science and many engineering disciplines, which investigate, simulate, and analyze very complex issues and phenomena. After the grand success of five series of this international conference, SocProS'16 also aims to bring together researchers, engineers and practitioners to present the latest achievements and innovations in the interdisciplinary areas of soft computing, to discuss thought-provoking developments and challenges and to consider potential future directions in it. The objectives of the conference are to encourage participation of young researchers and encourage industry-academia interaction.

CALL FOR PAPERS

Authors are invited to submit their original and unpublished work through Easychair (https://easychair.org/conferences/?conf=socpro2016) in the areas including, but not limited to:

Algorithms :

Ant Colony Optimization, Artificial Bee Colony, Artificial Immune System, Artificial Neural Networks, Bacteria Foraging Optimization, Bees Algorithms, Biogeographical Based Optimization, Differential Evolution, Fuzzy Systems, Genetic Algorithms, Genetic Programming, Harmony Search, Memetic Computing, Neuro Fuzzy Systems, Particle Swarm Optimization, Simulated Annealing, Stochastic Diffusion Search, Tabu Search, Bayesian Networks, Neural Networks, Fuzzy Sets and Logic, Fuzzy Systems, Neuro-Fuzzy Systems, Classification and Clustering Algorithms.

Applications:

Big Data Application Related to Climate Change, Bio-informatics, Cloud Computing, Control systems, Data Mining and Clustering, Defence, Disaster Modeling, Engineering, Finance, Forecasting, Games, Grid Computing, Signal Processing, Image Processing, Speech Processing, Renewable Energy, Scheduling and Time-Tabling, Smart Grid, Supply Chain Management, Web Mining and Text Mining, Wireless Sensor Networks, Expert Systems, Robotics, Biometrics, Complex Systems, Data Mining, Business and Economics, Decision Making and Risk Management, Human-Computer Interaction and Interface, Machine Learning, Multi-Agent Systems, Pattern Recognition, Probabilistic Reasoning.

PROCEEDINGS

Proceedings will be published by AISC series of Springer (approval pending)

IMPORTANT DATES

Paper Submission	May 15, 2016
Notification of Acceptance	Aug. 10, 2016
Camera-ready of Accepted papers	Sep. 01, 2016
Registration of authors of accepted papers	Sep. 01, 2016

REGISTRATION FEE*

Category	Indian	Foreigner
Regular author	Rs. 9,500	US $ 500
Full time student author	Rs. 5,000	US $ 300
SCRS member (student / faculty)	Rs. 4,000	US $ 250
Extra paper charges	Rs. 4,500/paper	US $ 200/per paper
Extra page charges	Rs. 2,000/page	US $ 100/per page
Attending only	Rs. 2,000	US $ 100

* Includes Book of abstract, conference bag, breakfasts and lunches and a gala dinner. Limited accommodation will be arranged on first-come-first serve basis. One registration will cover only a paper of 12 pages length. DD should be drawn in favour of: Convener SOCPROS-2016, payable at Patiala and sent by post to: Dr. Harish Garg, School of Mathematics, Thapar University, Patiala-147004. For online payment refer Conference website.