

Special Session on Soft Computing and Cryptology

during 4th International Conference on
Soft Computing for Problem Solving (SocProS 2014)

December 27-29, 2014, NIT, Silchar, Assam, INDIA

Call for Papers

- Scope** Several threats are being reported and increasing continuously on information as well as computer network infrastructure all around the Globe. Protection of such vital information and network is considered as one of the important and challenging tasks and lot of attention is being paid to have adequate security solutions. Special Session on Soft Computing and Cryptology is planned under SocProS 2014 to share and exchange knowledge about the developments on soft computing techniques and their uses in the field of cryptography for various security applications. The session offers an opportunity to explore and examine how soft computing is taking place to achieve solutions of various cryptographic problems.
- Aim** The aim of this special session is to bring together leading academicians, scientists, engineers, researchers and scholar students to exchange and share their experiences, ideas and research results on all aspects of soft computing applications in cryptography.
- Call for Papers** Authors are invited to submit their novel research and unpublished work. Topics of interest include but not limited to the following:
Soft Computing: Neural Nets, Fuzzy Set and Rough Set; Nature Inspired Optimization Techniques: Genetic Algorithms, PSO etc.; Cryptography and Cryptanalysis: Encryption Schemes, Cryptanalytic Attacks, Side Channel Attacks, Confidentiality, Authenticity, Integrity etc.; Steganography: Information Hiding, Detection and Extraction; Network Security: Firewalls, Malware Protection, Intrusion Detection etc.
- Important Dates** **Paper Submission: July 10, 2014** **Paper Acceptance: July 30, 2014**
Camera Ready: Aug 20, 2014 **Paper Registration: Aug 20, 2014**
- Paper Publication** Accepted papers presented will be published in the **Proceedings of AISC Series of Springer**. Extended versions of selected papers will be published in **Special Issue of the International Journals**.
- Paper Submission** Full length paper as per **format of Springer** (download from webpage of SocProS 2014) may be submit through easy chair link provided at Conference website: <http://socpros14.scrs.in/> or <https://www.easychair.org/conferences/?conf=socpros2014>.
- Registration** One of the authors of an accepted paper needs to register in the conference and to present their paper(s). Registration detail is available on webpage of SocProS 2014.
- Track Chair** P. K. Saxena, SAG, DRDO, Delhi (email: saxenapk@hotmail.com)
G. Athithan, SAG, DRDO, Delhi (email: athithan.g@gmail.com)
Ram Ratan, SAG, DRDO, Delhi (email: ramratan_sag@hotmail.com)
- Contact Person** Ram Ratan, Scientific Analysis Group, Defence Research and Development Organization, Delhi-110054 (India), Tel: 91-011-23819718, Fax: 011-23812683, Mob:9968319615
(Looking forward to see you at NIT, Silchar, Assam in December 2014)