

International Conference on Soft Computing and Pattern Recognition

07 December 2010 – 10 December 2010

The aspiration of SoCPaR 2010 is to bring together worldwide leading researchers, developers, practitioners, and educators interested in advancing the state of the art in soft computing and pattern recognition for exchanging knowledge that encompasses a broad range of disciplines among various distinct communities. It is hoped that researchers will bring new prospect for collaboration across disciplines and gain idea facilitating novel breakthrough.

The 4-day conference will feature prominent keynote speakers, workshop, tutorials, poster and paper presentation in parallel tracks. SoCPaR 2010 invites novel contributions/papers of soft computing and pattern recognition from fundamental aspects to various practical applications.

Topics

Soft Computing and Applications (but not limited to)

- Evolutionary computing
- Swarm intelligence
- Artificial immune systems
- Fuzzy Sets
- Uncertainty analysis
- Fractals
- Rough Sets
- Support vector machines
- Artificial neural networks
- Case Based Reasoning
- Wavelets
- Hybrid intelligent systems
- Nature inspired computing techniques
- Machine learning
- Ambient intelligence
- Hardware implementations

Pattern Recognition and Applications (but not limited to)

- Information retrieval
- Data Mining
- Web Mining
- Image Processing
- Computer Vision

- Bio-informatics
- Information security
- Network security
- Steganography
- Biometry
- Remote sensing
- Medical Informatics
- E-commerce
- Signal Processing
- Control systems

Proceedings

SoCPaR2010 proceedings will be published by Conference Publishing Services. It is mandatory at least an author registers for every paper that is included in the conference proceedings. Proceedings will be made available during the conference.

Special Issues

Organizers are successfully negotiated with several International Journals to accommodate special issues on various topics. Expanded versions of SoCPaR 2010 selected papers will be published in SoCPaR2010 Special Issues and Edited Volumes.

Important Dates

- Deadline for Special Session Proposal Submission : April 30, 2010
- Deadline for Workshop Proposal Submission : April 30, 2010
- Notification for Acceptance(Special Session and Workshop): May 15, 2010
- Deadline for Paper Submission: July 1, 2010
- Notification for Acceptance: August 15, 2010
- Deadline for Camera Ready Manuscript: October 30, 2010

Website

[More informations about this event.](#)