



## Second International Conference on Artificial Intelligence, Soft Computing and Applications (AIAA-2012)

<http://coneco2009.com/AIAA2012/index.html>

Venue: The Park Hotels, July 13 ~ 15, 2012, Chennai, India.

### Call for Papers

Second International Conference on Artificial Intelligence, Soft Computing and Applications (AIAA-2012) will provide an excellent international forum for sharing knowledge and results in theory, methodology and applications of Artificial Intelligence, Soft Computing. The Conference looks for significant contributions to all major fields of the Artificial Intelligence, Soft Computing in theoretical and practical aspects. The aim of the conference is to provide a platform to the researchers and practitioners from both academia as well as industry to meet and share Cutting-edge development in the field.

Authors are solicited to contribute to the workshop by submitting articles that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in the following areas, but are not limited to

#### Artificial Intelligence

- AI Algorithms
- Artificial Intelligence tools & Applications
- Automatic Control
- Bioinformatics
- Natural Language Processing
- CAD Design & Testing
- Computer Vision and Speech Understanding
- Data Mining and Machine Learning Tools
- Fuzzy Logic
- Heuristic and AI Planning Strategies and Tools
- Computational Theories of Learning
- Hybrid Intelligent Systems
- Information Retrieval
- Intelligent System Architectures
- Knowledge Representation
- Knowledge-based Systems
- Mechatronics
- Multimedia & Cognitive Informatics
- Neural Networks
- Parallel Processing
- Pattern Recognition
- Pervasive computing and ambient intelligence
- Programming Languages
- Reasoning and Evolution
- Recent Trends and Developments
- Robotics

- Semantic Web Techniques and Technologies
- Soft computing theory and applications
- Software & Hardware Architectures
- Web Intelligence Applications & Search

#### Soft Computing and Applications

- Fuzzy Systems
- Neural Networks
- Machine learning
- Probabilistic Reasoning
- Evolutionary Computing
- Pattern recognition
- Hybrid intelligent systems,
- Software agents
- Morphic Computing
- Image processing,
- E-commerce, e-medicine
- Rough Sets
- Symbolic machine learning,
- Wavelet
- Signal or Image Processing
- Vision Recognition
- Biomedical Engineering
- Telecommunications
- Reactive Distributed AI
- Nano & Micro-systems
- Data Visualization

### Paper Submission

Authors are invited to submit papers through the [conference Submission system](#) by 25 February, 2012.. Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated for this conference. The proceedings of the conference will be published by Springer (Confirmed).

Selected papers from AIAA 2012, after further revisions, will be published in the special issue of the following journals.

- [International Journal on Soft Computing \(IJSC\)](#)
- [International Journal of Artificial Intelligence & Applications \(IJAA\)](#)

### Important Dates:

Submission Deadline : 25 February ,2012

Authors Notification : 20 April, 2012

Final Manuscript Due : 01 May, 2012