



## Special Session on **Intelligent Pattern Computing (IPC 2009)**

In conjunction with 9<sup>th</sup> International Conference on Hybrid Intelligent Systems (HIS 2009) Shenyang, Liaoning, China  
August 12-14, 2009

### Call for Paper

#### Session Organizers:

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The mushrooming births of new Soft Computing Architectures often due to fusion and hybridization of different learning and adaptation. This new approach has addressed the limitations of individual techniques. Arising needs for information granules lead to the necessary for in-depth analysis of the problems at hand, thus reducing the computing effort. Neural computing, fuzzy logic, Rough set computing, evolutionary algorithms, swarm intelligence, agent-based methods, among others, and their hybridizations have been established and shown their strengths and weaknesses. This special session invites contributions/papers Intelligent Pattern Computing from fundamental aspects as well as to their various practical applications related to various disciplines. The followings are the topics of interest but not limited to:

- Granular Computing in Pattern Analysis
- Fuzzy Set and Rough Set Theory
- Information Granules in Forensic Identification
- Intelligent Multi-Criteria Decision Making
- Neuro-Rough Systems
- Neuro-Fuzzy-Genetic Systems
- Data Mining & Intelligent Information Retrieval
- Intelligent Software Agent Systems and Architectures
- Evolutionary Computing & Artificial Immune Systems

#### SUBMISSION GUIDELINES

Papers are invited from prospective authors with interest on the related areas. Each paper should consist of a title, authors' names, postal and email addresses, an up to 150-words abstract, a two-column body with 4 to 6 single-spaced pages and with font size at 10 pts. All papers must be submitted electronically in PDF format only. Detail instructions will be available in the conference Websites : <http://his2009.net/index.asp> and <http://bit.kuas.edu.tw/~his09/>.

#### Important Dates:

Deadline for submission of full papers: 31 March, 2009  
Acceptance/Rejection notification: 30 April, 2009  
Final camera-ready papers due: 15 May, 2009