

Special Session for Bio-Inspired Modeling of Complex Systems

This special session focuses on the modeling of complex systems using methods derived from biological systems, including such areas as genetic programming, classifier systems and recurrent neural networks. Modeling problems may be divided into two classes; those in which the structure of the model is known, and all that has to be found are the parameters for the models; and problems where the structure of solutions is unknown, and has to be discovered. This session focuses on the latter. Papers in all relevant areas are welcome. Areas include, but are not limited to:

- genetic programming
- grammatical evolution
- estimation of distributions in genetic programming
- ant-based complex systems methods
- classifier systems
- recurrent neural networks

A refereed paper will appear in one of the approved publications by the conference date:

IEEE Conference Proceedings: high quality E.I. indexed proceedings for FBIT.

Soft Computing journal: special issue of this SCIE listed journal will consider quality papers from this session.

Journal of Biomedicine and Biotechnology: The FBIT interdisciplinary special issue of this high impact factor journal will consider high impact factor papers with a medical or biosciences motivation. Appears by the conference date and details are in the conference pages (open access with I.F. 1.8 in SCIE).

International Journal of Control, Automation, and Systems: special issue of this SCIE listed journal will consider quality papers that are compatible with the scope of this journal.

Important Dates:

Paper Submission Deadline 30 June 2007

(click for [LaTeX](#) or [Word](#) style files)

Advance Registration Deadline 1 August 2007

Notification of Acceptance 15 July 2007

Final Program Announced 15 September 2007

Send your paper directly to the Special Session Organizer:

c/- Ass. Prof. R I (Bob) McKay, Seoul National University, Seoul, Korea

Email: fbit07gp@gmail.com
