http://www.smc2011.org/
Special Session Call for Papers
SMC2011 Special Session on
Innovative Soft Computing Methodologies and Applications
Special Session CFP website:
http://www.smc-hiroshima.info.hiroshima-cu.ac.jp/eng/
http://www.sdc.it.okayama-u.ac.jp/ieee-smc-hiroshima/

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Introduction/Call for Papers

Technologies in the research field of soft computing have made great progress in recent decades, and soft computing has now become a popular term in the field of computer science. Many researchers in soft computing have made great efforts to develop methodologies for optimization, classification, ambiguity, agents, etc, and these research results have had great influence in the greater field of computer science.

With the advancement of computer hardware providing more powerful computing environments, soft computing researchers have been able to challenge solving larger and more complex problems. Driven by such motivation, the innovative methodologies of soft computing technologies are proposed not only in areas of artificial neural networks, evolutionary computation, and fuzzy theories but also in new paradigms in computer science such as swarm intelligence and immune systems. In addition, soft computing researchers have applied the developed methods to various real world problems such as images and medical databases. Prospective authors are invited to submit original papers to the Special Session.

Indicative Topics/Areas

The topics of interest include, but are not limited to
* Neural Networks
* Evolutionary Computation
* Fuzzy Theory
* Self-Organizing Maps
* Ant Colony Optimization
* Swarm Intelligence
* Artificial Immune System
* Affective Computing
* Application to Tourism Informatics
* Applications in Education
* Computer Education and E-learning
* Data Mining in Business Intelligence
* Medical Informatics
* Other Soft Computing Applications

Important Dates

April 1, 2011: Deadline for submission of full-length papers to special sessions.
June 1, 2011: Acceptance/Rejection Notification.
July 5, 2011: Final camera-ready papers due in electronic form.

Submission

Please contact the Special Session organizer for arrangement of submission prior to the submission deadline. All submissions will need to be uploaded through the SMC2011 main conference online submission system. All submitted papers of Special Sessions have to undergo the same review process (three completed reviews per paper). The technical reviewers for each Special Session paper will be members of the SMC 2011 Program Committee and qualified peer-reviewers to be nominated by the Special Session organizers.

Organized by IEEE SMC SECTION CHAPTER Hiroshima