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Special Session Call for Papers SMC2013 Special Session on **Granular Computing**

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Introduction/Call for Papers

Granular Computing (GrC) is a general computation theory for effectively using granules such as subsets, neighborhoods, tuples (ordered subsets), relations (subsets of Cartesian products), fuzzy sets (membership functions), variables (measurable functions), Turing machines (algorithms), and intervals to build an efficient computational model for complex with huge amounts of data, information and knowledge. Fuzzy and rough set theories, neutrosophic computing, quotient space, belief functions, machine learning, databases, data mining, cluster analysis, interval computing, and more recently social computing all involve granular computing. Prospective authors are invited to submit original papers to the Special Session.

Indicative Topics/Areas

Theory and methodologies of granular computing: including rough sets, neural networks, fuzzy systems, and evolutionary computation, as a special form for granulation;

Applications of granular computing: including bio-informatics, medical informatics, chemical informatics, e-intelligence, web intelligence, social networks, as a special presentation of the granular computing.

Important Dates

May 15, 2013: Deadline for submission of full-length papers to special sessions.

June 30, 2013: Acceptance/Rejection Notification.

July 31, 2013: Final camera-ready papers due in electronic form.

Submission

Manuscripts for a Special Session should **NOT** be submitted in duplication to any other regular or special sessions and should be submitted to SMC 2013 main conference online submission system on SMC 2013 conference website.

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 2013 Program Committee and qualified peer-reviewers to be nominated by the Special Session organizers.

Organized by IEEE SMC TC on Granular Computing