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Special Session Call for Papers

SMC2013 Special Session on **Metaheuristic Algorithms for Data Mining**

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Introduction/Call for Papers

Data mining technologies provide an efficient way to extract and analyze information hidden in a system, thus making it possible for such a system to make more intelligent decisions or to be aware of events occurred. Among these technologies are classification, clustering, associate rule, and sequence pattern. Even more, several metaheuristic algorithms and soft computing technologies are also used in this research domain, such as simulated annealing, tabu search, evolutionary computing, swarm intelligence, neural network, and fuzzy..

Indicative Topics/Areas

This special session will be focusing on using metaheuristic algorithms to solve data mining problems, such as data clustering, data classification, associate rule, sequential patterns, optimization problems, and practical applications. In addition, we also welcome researches on data mining technologies for cloud computing, big data, internet of things (IoT), and other kinds of intelligent systems. Authors are encouraged to submit both theoretical and practical articles to this special session.

The topics include, but not limited to, the following:

- Metaheuristic algorithms for data mining
- Metaheuristic algorithms for combinatorial optimization problems
- Data mining for big data, cloud computing, IoT, or smart grid.
- Pre-processing technologies for data mining
- Intelligent system and its applications

This special session is expected to give an opportunity to discuss the metaheuristic algorithms for complex problems and real world applications.

Important Dates

April 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 Metaheuristic Algorithms for Data Mining