

The 18th Asia Pacific Symposium on Intelligent and Evolutionary Systems

10-12, Nov 2014, Singapore

Invited Session on Evolutionary Computation and Data Mining

Evolutionary computation (EC) has been successfully applied to many aspects of data mining (DM). Advances in data mining also assist optimization algorithm designers to develop better methods. In order to bridge the concepts and methodologies from the two ends, this invited session concentrates on the related topics of integrating and utilizing algorithms in evolutionary computation and data mining. It provides the opportunity for practitioners handling their data mining issues by using evolutionary computation methodologies and for researchers investigating evolutionary computation with data mining approaches to share findings and look into future directions.

This invited session aims at providing a forum for adopting the state-of-the-art evolutionary computation techniques in data mining, developing the advanced evolutionary computation techniques by using data mining methods, as well as exchanging of related ideas and discussing the future directions. We invite researchers to submit their original and unpublished work related to, but not limited to, the following topics:

- Data mining using EC techniques
- Evolutionary computation based on DM methods
- Multi-objective evolutionary algorithms and data mining
- Performance measure and benchmarks
- Theoretical aspects of data mining and evolutionary computation
- Real-world applications



Important Dates:

Aug 1	Paper submission
Sep 1	Notification
Oct 1	Final manuscript
Nov 10-12	Symposium

Organizers:

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Submission

Please refer to IES 2014 submission website at
<http://www.ies-2014.org/submission.html>