CALL FOR PAPERS
ACM FOGA 2013
Foundations of Genetic Algorithms XII
16-20 January 2013, Adelaide, Australia
Submission Deadline: August 1, 2012

Organizers:

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Description: We invite submissions to the Foundations of Genetic Algorithms (FOGA) 2013 workshop which will be held from January 16-20, 2013, in Adelaide, Australia. FOGA is the premier event on the theoretical foundations of all kinds of evolutionary computation techniques including (but not limited to) evolutionary algorithms, ant colony optimization, and particle swarm optimization. Accepted papers will be published in a post-conference proceedings by ACM Press.

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The goal of FOGA 2013 is to advance the theoretical understanding of evolutionary computing techniques and to promote theoretical work to the wider community. A successful exchange between theory and practice on evolutionary computation is very desirable and so we encourage submissions bridging theory and practice. In addition to strict mathematical investigations, experimental studies increasing the theoretical foundations of evolutionary computation methods are very welcome. Topics include (but are not limited to): fitness landscapes and problem difficulty, population dynamics, runtime analysis, self-adaptation, single- and multi-objective problems, statistical approaches, stochastic

and dynamic environments, and working principles of evolutionary computing techniques in general.

Submission: Authors should submit their papers (12 page maximum) consistent with the FOGA style file which can be found at the conference web-site. To ensure the reviews are double-blind, authors are asked to remove references to themselves from their paper. Authors should follow the instructions on the conference website when submitting their papers. Preliminary versions of the accepted papers will be distributed to participants at FOGA. Authors of papers presented at the FOGA workshop will be asked to contribute final versions of their papers as part of the post-conference proceedings published by ACM.

Important Dates:

Submission deadline: August 1, 2012

Notification to authors: October 15, 2012

Pre-proceedings deadline: December 1, 2012

FOGA 2013: January 16-20, 2013

Post conference proceedings deadline: February 28, 2013

Further information:

Web: http://www.sigevo.org/foga-2013

Enquiries and submissions: foga@adelaide.edu.au

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