One Conference – Many Mini-Conferences

Program Tracks
Three days of presentations of the latest high-quality results in more than 15 separate and independent program tracks specializing in various aspects of genetic and evolutionary computation.

Free Tutorials and Workshops!
Two days of free tutorials and workshops (included with conference registration) presented by some of the world’s foremost experts in topics of interest to genetic and evolutionary computation researchers and practitioners.

Important Dates
* Submission deadline: January 23, 2013
* Workshop and tutorial proposals submission: November 07, 2012
* Notification of workshop and tutorial acceptance: November 30, 2012
* Notification of paper acceptance: March 14, 2013
* Camera-ready submission: April 17, 2013
* Registration: May 03, 2013
* GECCO-2013 Conference: July 06-10, 2013

Review Process
Each paper submitted to GECCO will be rigorously reviewed, in a double-blind review process, meaning that reviewers should not be able to infer the identities of the authors of the papers under review, and, of course, that authors will not know the identities of their reviewers.

Each submitted paper will be evaluated by one of at least 15 separate and independent program committees specializing in various aspects of genetic and evolutionary computation. These committees make their own final decisions on submitted papers for their areas, subject only to conference-wide space limitations and procedures.

Review criteria include significance of the work, technical soundness, novelty, clarity, writing quality, and sufficiency of information to permit replication, if applicable.

How to Submit a Paper
Meet the submission deadline - January 23, 2013 - and submit substantially new work. GECCO allows submissions of material that is substantially similar to a paper being submitted contemporaneously for review in another conference. However, if the submitted paper is accepted by GECCO, the authors agree that substantially the same material will not be published by another conference in the evolutionary computation field. Material may be later revised and submitted to a journal, if permitted by the journal.

Visit www.sigevo.org/gecco-2013
For detailed instructions, including categories, keywords, and formatting requirements, visit http://www.sigevo.org/gecco-2013. Be sure to check the web page for changes that may appear as the paper submission deadline approaches.

Follow us at www.twitter.com/GECCO2013
News and updates are also posted on our Twitter page. Visit http://www.twitter.com/GECCO2013 and start following us!

Accept Author Agreement
By submitting a paper, the author(s) agree that, if their paper is accepted, they will:
* Submit a final, revised, camera-ready version to the publisher by Wednesday, April 17, 2013
* Register at least one author to attend the conference by Friday, May 03, 2013
* Attend the conference (at least one author)
* Present the accepted paper at the conference

More Information
Visit www.sigevo.org/gecco-2013 for information about deadlines, student travel grants, hotel reservations, student housing, the graduate student workshop, the latest list of topics, late-breaking papers, and more. For matters of science and program content, contact Conference Chair Enrique Alba at gecco2013chair@sigevolution.org while for general help and administrative matters please contact GECCO support at gecco2013@sigevolution.org

About the Conference Venue
Amsterdam is currently one of the best European cities in which to locate an International Business and the perfect GECCO destination. More info at http://www.iamsterdam.com
The Genetic and Evolutionary Computation Conference (GECCO-2013) will present the latest high-quality results in the growing field of genetic and evolutionary computation. Topics include: genetic algorithms, genetic programming, evolution strategies, evolutionary programming, memetic algorithms, hyper heuristics, real-world applications, learning classifier systems and other genetics-based machine learning, evolvable hardware, artificial life, adaptive behavior, ant colony optimization, swarm intelligence, biological applications, evolutionary robotics, coevolution, artificial immune systems, and more.

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Ant Colony Optimization and Swarm Intelligence
Digital Entertainment Technologies and Arts
Evolutionary Combinatorial Optimization and Metaheuristics
Evolutionary Multiobjective Optimization
Genetic Programming
Genetics Based Machine Learning
Parallel Evolutionary Systems
Theory
Artificial Life/Robots/Evolvable Hardware
Biological and Biomedical Applications
Estimation of Distribution Algorithms
Evolution Strategies and Evolutionary Programming
Generative and Developmental Systems
Real World Applications
Search-Based Software Engineering
Self-* Search
Genetic Algorithms
Integrative Genetic and Evolutionary Computation

Planned Free Tutorials
Introductory Tutorials
- Genetic Algorithms
- Genetic Programming
- Evolution Strategies: Basic Introduction
- Evolutionary Computation: A unified view
- Evolutionary Multiobjective Optimization
- Probabilistic Model-building Genetic Algorithms
- Evolutionary Neural Networks

Advanced Tutorials
- Evolution Strategies and CMA-ES (Covariance Matrix Adaptation)
- Constraint-Handling Techniques used with Evolutionary Algorithms
- Representations for evolutionary algorithms
- Statistical Analysis for Evolutionary Computation: Introduction
- Genetic Algorithms Theory
- Elementary Landscapes
- Generative and Developmental Systems
- Expressive Genetic Programming
- Fitness Landscapes and Graphs: Multimodularity Ruggedness and Neutrality
- Bioinspired Computation in Combinatorial Optimization - Algorithms and Their Computational Complexity

To Propose a Tutorial or Workshop
A detailed call for workshop and tutorial proposals will be posted later, so stay tuned! Meanwhile, for enquires regarding tutorials contact gecco2013tutorials@sigevolution.org while for enquiries about workshops contact gecco2013workshops@sigevolution.org
For general help and administrative matters contact GECCO support at gecco2013@sigevolution.org

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GECCO is sponsored by the Association for Computing Machinery Special Interest Group on Genetic and Evolutionary Computation (SIGEVO). SIG Services: 2 Penn Plaza, Suite 701, New York, NY, 10121, USA, 1-800-342-6626 (USA and Canada) or +212-626-0500