EuroGP 2010

The 13th European Conference on Genetic Programming

Istanbul, Turkey, 7-9 April 2010

CALL FOR PAPERS

Submission deadline 4th November 2009

http://www.evostar.org
==

EuroGP is the premier annual conference on Genetic Programming. We invite
high quality submissions in all areas of evolution of computer programs
describing new original research.

The EuroGP conference is always a very enjoyable event offering excellent
opportunities for networking, informal contact, exchange of ideas and
discussions with fellow researchers in a friendly and relaxed setting.

The conference will be held in conjunction with EvoCOP2010 (the 10th
European
Conference on Evolutionary Computation and Metaheuristics in Combinatorial
Optimization), EvoBIO 2010 (the 8th European Conference on Evolutionary
Computation, Machine Learning and Data Mining in Bioinformatics), and
EvoApplications 2010 (European Conference on Applications of Evolutionary
Computation), in a joint event collectively known as EvoStar 2010.

Previous editions of EuroGP were published in the Springer Verlag LNCS
volumes 1598, 1802, 2038, 2278, 2610, 3003, 3447, 3905, 4445, 4971, 5481.

Topics

High quality papers are sought on topics strongly related to the evolution
of
computer programs, ranging from theoretical work to innovative
applications.
Topics include, but are not limited to

* Theoretical developments
* Empirical studies of GP performance and behaviour
* Algorithms, representations and operators
* Applications of GP to real-life problems
* Hybrid architectures including GP components
* Unconventional evolvable computation
* Evolutionary design
* Evolutionary robotics

* Grammar-based GP
* Evolvable hardware
* Linear GP
* Self-reproducing programs
* Evolution of tree or graph structures
* Evolution of various classes of automata or machine (e.g. cellular automata,
   finite state machines, pushdown automata, Turing machines)
* Object-oriented genetic programming

Submission

Submission will be done electronically using the online submission service.
More details will be available at the conference website www.evostar.org

Papers must be at most 12 pages long and formatted following Springer LNCS guidelines.

Accepted papers will be presented orally or as posters at the Conference and
will be printed in the proceedings published by Springer Verlag in the LNCS
series.

Important Dates

   Submission deadline: 4 November 2009
   Notification of acceptance: mid December 2009
   Camera ready papers due: early January 2010
   Conference: 7-9 April 2010

Web Address
----
   http://www.evostar.org

Programme chairs

   Anna I Esparcia-Alcázar, Instituto Tecnológico de Informática, Spain
   Anikó Ekárt, Aston University, United Kingdom