

evo* > the main european events on evolutionary computation

eurogp 2011

14th european conference
on genetic programming

27-29 april 2011
torino – italy
www.evostar.org

submission deadline
* 22 november 2010
notification to authors
* 7 january 2011
camera-ready deadline
* 1 february 2011

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.

A double-blind review process will be adopted. The conference will feature a mixture of oral presentations and poster sessions.

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.

High quality papers are sought on topics strongly related to the evolution of computer programs, ranging from theoretical work to innovative applications.

areas of interest and contributions

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 GP.

publication details

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.

Previous editions of **eurogp** were published in the *Springer Verlag LNCS* volumes 1598, 1802, 2038, 2278, 2610, 3003, 3447, 3905, 4445, 4971, 5481, 6021.

The papers which receive the best reviews will be nominated for the Best Paper Award. Authors of selected papers will be invited to submit extended descriptions of their work to the Springer journal Genetic Programming and Evolvable Machines.

submission details

Submissions must be original and not published elsewhere. The submissions will be peer reviewed by at least three members of the program committee. The authors of accepted papers will have to improve their paper on the basis of the reviewers' comments and will be asked to send a camera ready version of their manuscripts. At least one author of each accepted work has to register for the conference and attend the conference and present the work.

The reviewing process will be double-blind, please omit information about the authors in the submitted paper. Submit your manuscript in Springer LNCS format.

- * Submission link:
<http://myreview.csregistry.org/eurogp11/>
- * Page limit: 12 pages.

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