

eurogp*

23th European Conference on Genetic Programming



eurogp* is the premier annual conference on Genetic Programming (GP), the oldest and the only meeting worldwide devoted specifically to this branch of evolutionary computation. It is always a high-quality, enjoyable, friendly event, attracting participants from all continents, and offering excellent opportunities for networking, informal contact, and exchange of ideas with fellow researchers. It will feature a mixture of oral presentations and poster sessions and invited keynote speakers. **eurogp*** is featured in the conference ranking database CORE.

This year, we have a special focus on GP and artificial intelligence: GP for interpretable AI and towards general AI. A list of topics includes but is not limited to:

- * Innovative applications of GP
- * Theoretical developments
- * GP performance and behaviour
- * Fitness landscape analysis of GP
- * Algorithms, representations and operators
- * Real-world applications
- * Search-based software engineering
- * Genetic improvement programming
- * Evolutionary design
- * Evolutionary robotics
- * Tree-based GP and Linear GP
- * Graph-based GP and Grammar-based GP
- * Evolvable hardware
- * Self-reproducing programs
- * Multi-population GP
- * Multi-objective GP

- * Fast / Parallel GP
- * Probabilistic GP
- * Evolution of automata or machines
- * Object-oriented GP
- * Hybrid architectures including GP
- * Coevolution in GP
- * Modularity in GP
- * Semantics in GP
- * Unconventional evolvable computation
- * Automatic software maintenance
- * Evolutionary inductive programming

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Submission Details

Submissions must be original and not published elsewhere. They will be peer reviewed by at least three members of the program committee. The reviewing process will be double-blind, so please

omit information about the authors in the submitted paper. Submit your manuscript in Springer LNCS format.

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, attend the conference and present the work.

Page limit: 16 pages

Submission link
easychair.org/conferences/?conf=evo2020

Submission Deadline
1 November 2019

Presentation details

*** Long talks**

Your work will be presented in a 20 minute talk followed by a 5 minute discussion round. We also encourage you to bring and present a poster in the poster session to take advantage of a more informal and direct feedback.

*** Short talks (posters)**

Your work will be presented in a 10 minute talk (no discussion round) and in a poster session.

more info at:
www.evostar.org/2020/eurogp