

# eurogp\*

## 27th 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.

You can consult the proceedings of previous events at **eurogp\*** Conference Proceedings in SpringerLink.

Topics to be covered include, but is not limited to:

- \* Innovative applications of GP
- \* Theoretical developments
- \* GP performance and behaviour
- \* Fitness landscape analysis of GP
- \* Algorithms, representations and operators for GP
- \* 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

- \* Parallel GP
- \* Probabilistic GP
- \* Object-orientated GP
- \* Hybrid architectures including GP
- \* Coevolution and modularity in GP
- \* Semantics in GP
- \* Unconventional GP
- \* Automatic software maintenance
- \* Evolutionary inductive programming
- \* Evolution of automata or machines

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**Submission Details**

Accepted papers will be published by Springer Nature in the Lecture Notes in Computer Science series. 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.

**Page limit:** 14 + unlimited references pages

**Extended Submission Deadline**

~~1 November 2023 AoE~~

15 November 2023 AoE

For further information please visit  
[www.evostar.org/2024/eurogp](http://www.evostar.org/2024/eurogp)