



The Leading European Event  
on Bio-Inspired Computation  
[www.evostar.org](http://www.evostar.org)

Aberystwyth, Wales, UK  
3 – 5 April 2024

# 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:

- \* Algorithms, representations, and operators for GP
- \* Innovative applications of GP
- \* Tree-based, linear, graph-based, and grammar-based GP
- \* Theoretical developments
- \* GP performance, behavior, and benchmarking
- \* Multiple populations, coevolution, and modularity in GP
- \* Multi-objective GP
- \* Explainability and interpretability in GP
- \* Genetic improvement programming

- \* GP for software engineering
- \* GP for continuous control and evolutionary robotics
- \* Evolutionary design
- \* Evolvable hardware
- \* Parallel GP
- \* Unconventional GP
- \* Hybridization of GP with other methods

### **eurogp\*** Conference Chairs

**Mario Giacobini**  
University of Torino, Italy  
[mario.giacobini@unito.it](mailto:mario.giacobini@unito.it)

**Bing Xue**  
Victoria University of Wellington,  
New Zealand  
[bing.xue@vuw.ac.nz](mailto:bing.xue@vuw.ac.nz)

### **eurogp\*** Publication Chair

**Luca Manzoni**  
University of Trieste, Italy  
[lmanzoni@units.it](mailto:lmanzoni@units.it)

### **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

**Submission Deadline**  
1 November 2023 AoE

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

