

eurogp*

24th 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.
<http://portal.core.edu.au/conf-ranks/481/>

evostar* is a leading international event devoted to evolutionary computing, comprising four conferences, **eurogp***, **evoapplications***, **evocop***, and **evomusart***. The low-cost registration includes access to all of them, as well as daily lunch and the conference reception and banquet.

Topics to be covered include, but are 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 and Linear GP
- * Graph-based 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.

eurogp* Conference Chairs

Ting Hu
Queen's University, Canada
[ting.hu\(at\)queensu.ca](mailto:ting.hu(at)queensu.ca)

Nuno Lourenço
University of Coimbra, Portugal
[naml\(at\)dei.uc.pt](mailto:naml(at)dei.uc.pt)

eurogp* Publication Chair

Eric Medvet
University of Trieste, Italy
[emedvet\(at\)units.it](mailto:emedvet(at)units.it)

Paper Submission

High-quality submissions not exceeding 16 pages in LNCS style are now solicited. Accepted papers will be published by Springer-Verlag in the Lecture Notes in Computer Science series.

The highest quality papers may also be invited to submit extensions for publication in a special issue of the journal Genetic Programming and Evolvable Machines (GPEM).

Page Limit: 16 pages

Submission Deadline

1 November 2020

For further information please visit
www.evostar.org/2021/eurogp