

# EuroGP 2017

The 20<sup>th</sup> European Conference  
on Genetic Programming

19-21 April 2017  
Amsterdam, The Netherlands  
[www.evostar.org](http://www.evostar.org)

(Photo by Merijn Roubroeks)

## The Conference

**EuroGP** is the premier annual conference on Genetic Programming, 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 part of **Evo\***, a collection of co-located conferences and workshops. The low-cost registration includes access to all, as well as daily lunch and the conference reception and banquet.

## The Venue

Amsterdam is famous for its central role in European history, its tolerant character, and its extraordinary beauty. Attractions range from the *Rijksmuseum* and the house of Anne Frank to the *Bloemenmarkt* (floating flower market), the red light district, the cafés, and the world-class nightlife; all are reachable on foot and by canal.

The conference venue (the Bazel, Vijzelstraat 32) is very central and quite special, including the rooms formerly reserved for the personal banking of the Dutch royal family.

## Publication

High-quality submissions are now sought on topics listed below. They will be blind-reviewed by the international program committee. The page limit has been extended to **16 pages**. In 2016, the **EuroGP** acceptance rate was 53% (31% for oral presentations). Accepted papers will be published by Springer Verlag in the Lecture Notes in Computer Science series.

## Areas of interest

Topics of interest include but are not limited to:

- Innovative applications
- Theoretical developments
- GP performance and behaviour
- Fitness landscape analysis of GP
- Algorithms, representations, operators
- Search-based software engineering
- Genetic improvement programming
- Evolutionary design
- Evolutionary robotics
- Tree-based / Linear GP
- Graph-based / Grammar-based GP
- Evolvable hardware
- Self-reproducing programs
- Multi-population GP
- Multi-objective GP
- Fast / Parallel GP
- Probabilistic GP
- Object-orientated GP
- Hybrid architectures including GP
- Coevolution / Modularity in GP
- Semantics in GP
- Unconventional GP
- Automatic software maintenance
- Evolutionary inductive programming
- Evolution of automata or machines.

## Important dates

**Submission Deadline:**

1 November 2016

**Notification:**

9 January 2017

**Camera-ready:**

25 January 2017

**Conference:**

19-21 April 2017

## Program Chairs

**James McDermott**

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