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.

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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
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• Semantics in GP
• Unconventional GP
• Automatic software maintenance
• Evolutionary inductive programming
• Evolution of automata or machines.

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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).

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