

Genetic Improvement 2019

6th International Workshop on the Repair and Optimisation of Software using
Computational Search
28 May 2019

geneticimprovementofsoftware.com



GI 2019

Co-located with the 41th
International Conference on
Software Engineering,
Montreal, Canada,
25-31 May 2019

Paper Submission Deadline: 1 February 2019

Call for Submissions

We invite submissions that discuss recent developments in all areas of research on, and applications of, Genetic Improvement.

GI is the premier workshop in the field and provides an opportunity for researchers interested in automated program repair and software optimisation to disseminate their work, exchange ideas and discover new research directions.

Topics of interest include both the theory and practice of Genetic Improvement. Applications include, but are not limited to, using GI to:

- repair bugs
- improve efficiency
- decrease memory consumption
- decrease energy consumption
- transplant new functionality
- specialise software
- translate between programming languages
- generate multiple versions of software

Workshop Chairs

Justyna Petke	j.petke@ucl.ac.uk
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Research & Position Papers

We invite submissions of two types of paper:

- Research papers (limit eight pages)
- Position papers (limit two pages)

We encourage authors to submit early and in-progress work. The workshop emphasises interaction and discussion.

All papers should be submitted via EasyChair <https://easychair.org/conferences/?conf=gi2019> double-blind as PDFs (in the ACM conference format as per the ICSE 2019 information).

All accepted papers must be presented at GI-2019 and will appear in the ICSE workshops volume. The official publication date of the workshop proceedings is the date the proceedings are made available by IEEE. This date may be up to two weeks prior to the first day of ICSE 2019.

Web pages: Bobby R. Bruce

Key Dates

Submission: 1 February 2019

Notification: 1 March 2019

Camera-ready: 15 March 2019

Workshop: 28 May 2019