Genetic Improvement 2019
6th International Workshop on the Repair and Optimisation of Software using Computational Search
25-31 May 2019

geneticimprovementofsoftware.com

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

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: 25-31 June 2019

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

Paper Submission Deadline: 1 February 2019