Genetic Improvement 2020
8th International Workshop on the Repair and Optimisation of Software using Computational Search
23-29 May 2020

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giicse2020.org

Co-located with the 42nd International Conference on Software Engineering, Seoul, South Korea, 23-29 May 2020

Paper Submission Deadline: 22 January 2020

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

Student Funding
There will be up to five student travel scholarships

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/my/conference?conf=giicse2020 double-blind as PDFs (in the conference format as per the ICSE 2020 information).

All accepted papers must be presented at GI-2020 and will appear in the ICSE workshops volume. The official publication date of the workshop proceedings is the date the proceedings are made available. This date may be up to two weeks prior to the first day of ICSE 2020.

Web pages: Gabin An

Key Dates
Submission: 22 January 2020
Notification: 25 February 2020
Camera-ready: 16 March 2020
Workshop: during 23-29 May 2020