

# 4th International Genetic Improvement Workshop



Co-located with the 40th International Conference on Software Engineering, Gothenburg, Sweden, 27 May - 3 June 2018

**Paper Submission Deadline: 5 February 2018**

## 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

## Workshop Chairs

Bill Langdon	w.langdon@cs.ucl.ac.uk
Justyna Petke	j.petke@ucl.ac.uk
Kathryn Stolee	ktstolee@ncsu.edu
Westley Weimer	weimerw@umich.edu

## Keynote

Claire Le Goues will be our keynote speaker.

## 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 as PDFs (<https://easychair.org/conferences/?conf=gi2018icse>), in the ACM conference format as per the ICSE 2018 information (<https://www.icse2018.org/track/icse-2018-Double-blind-review#Formatting>). All accepted papers must be presented at GI-2018 and will appear in the ICSE workshops volume.

## Key Dates

<b>Submission:</b>	5 February 2018
<b>Notification:</b>	5 March 2018
<b>Camera-ready:</b>	19 March 2018
<b>Workshop:</b>	2 June 2018