

# Welcome to Genetic Improvement 2015

## Bienvenidos a Mejora Genética 2015



Sunday 12th July 2015  
Madrid, Spain

@GI\_2015  
#gecco2015gi  
[geneticimprovement.com](http://geneticimprovement.com)

# Why we're here

- ▶ Genetic Improvement has had many remarkable successes.
- ▶ Major awards at GECCO<sup>1</sup>, ICSE<sup>2</sup>, SSBSE<sup>3</sup>.
- ▶ Work has been published across a wide range of venues.
- ▶ No central discussion forum for this work.

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<sup>1</sup>J. Petke, Mark Harman, W. B. Langdon, and W. Weimer. Using Genetic Improvement and Code Transplants to Specialise a C++ Program to a Problem Class. In *EuroGP*. 2014

<sup>2</sup>W. Weimer, T. Nguyen, C. Le Goues, and S. Forrest. Automatically Finding Patches Using Genetic Programming. In *ICSE*, 2009

<sup>3</sup>M. Harman, Y. Jia, and W. B.. Langdon. Babel Pidgin: SBSE Can Grow and Graft Entirely New Functionality into a Real World System. In *SSBSE*. 2014

- ▶ A venue for dissemination and discussion of the latest research in Genetic Improvement.
- ▶ This year:
  - ▶ 14 Accepted Papers
  - ▶ 7 Full Papers
  - ▶ 7 Position Papers

# Schedule

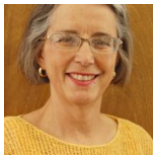
|             |                                    |
|-------------|------------------------------------|
| 0830 – 0930 | Position Papers                    |
| 0930 – 1050 | Full Papers                        |
| 1050 – 1110 | Coffee                             |
| 1110 – 1155 | Position Papers                    |
| 1155 – 1255 | Full Papers                        |
| 1255        | Best Paper Prize & Closing Remarks |

A lot to get through — please keep to time!

# Thank you to our Program Committee



Brad Alexander



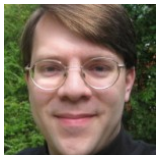
Stephanie Forrest



Claire Le Goues



John Woodward



Westley Weimer

# Thank you

- ▶ GECCO Organisers and in particular Gisele Pappa
- ▶ Our sponsors:
  - ▶ CREST and the DAASE Project at UCL
  - ▶ A Field Guide to Genetic Programming

Thank *you*

For submitting papers and attending!