

# Visualisation in Genetic and Evolutionary Computation (VizGEC'16) Chairs' Welcome

As work on visualisation in the evolutionary computation field continues to grow, we are pleased to be organising the seventh workshop on visualisation in genetic and evolutionary computation (VizGEC 2016).

Following a call for papers, five papers were accepted for presentation at the workshop. The papers cover a diverse range of topics, such as visualising the trade-offs present in multi- and many-objective solution sets, visualising the lineage of solutions in genetic programming, visualising the differences between search populations, and improving human interaction with evolutionary algorithms. In addition to the presentation of papers, we are inviting demonstrations of tools that are used by people engaged in evolutionary computation research. We hope that by presenting a range of different tools and techniques we will encourage a discussion on visualisation methods that people find useful, as well as on how the current state-of-the-art can be improved, with the development of new techniques and the application of existing methods to new problems, to fulfill researchers' visualisation needs.

We hope that the workshop will appeal to a wide range of GECCO attendees, from those with experience of developing novel visualisation methods to those who simply use them as a tool to illustrate their work. We also intend that the workshop will provide an attractive opportunity for those with visualisation problems to engage with the visualisation community and identify potential collaborations.

The organization of VizGEC 2016 has been made possible with invaluable assistance from the GECCO organising committee. We would particularly like to thank the GECCO 2016 Workshops Chairs, Gisele Pappa and Markus Wagner, for providing helpful comments and advice throughout the process of organising the workshop.

We look forward to welcoming you to VizGEC 2016.



**David Walker, Jonathan Fieldsend and Richard Everson**

*University of Exeter, UK*

*Workshop chairs*

# VizGEC 2016 Organization

**Chairs:** David Walker (*University of Exeter, UK*)  
Jonathan Fieldsend (*University of Exeter, UK*)  
Richard Everson (*University of Exeter, UK*)

**Program Committee:** Matthew Craven (*University of Plymouth, UK*)  
Ed Keedwell (*University of Exeter, UK*)