



Visualisation in Genetic and Evolutionary Computation (VizGEC 2013)



Visualisation continues to play an important role in evolutionary computation, and we are pleased to be organising the fourth GECCO workshop on visualisation in genetic and evolutionary computation (VizGEC 2013).

The accepted submissions cover a range of important visualisation topics: the visualisation of solution lineage and genetic inheritance in genetic programming; supporting interaction by visualising conceptual solutions; visualising the 3-dimensional attainment surface; and exploring multi-dimensional datasets with evolutionary algorithms. In addition to the presentation of papers, the workshop will include invited talks from researchers working in visualisation, and we also invite demonstrations of visualisation 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 how the state-of-the-art can be extended with the development of new visualisation techniques, as well as novel evolutionary computing applications of existing visualisation methods.

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 find opportunities to engage with the visualisation community and identify potential collaborations.

VizGEC 2013 has been made possible with invaluable assistance from several people. We would particularly like to thank the GECCO 2013 Workshops Chair, Mike Preuss, for providing helpful comments and advice throughout the process of organising the workshop. Thanks are also due to our reviewers.

We look forward to welcoming you to VizGEC 2013.

David Walker

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Richard Everson

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VizGEC 2013 Organization

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