Visualisation in Genetic and Evolutionary Computation (VizGEC'14) Chairs' Message

As work on visualisation in the evolutionary computation field continues to grow, we are pleased to be organising the fifth GECCO workshop on visualisation in genetic and evolutionary computation (VizGEC 2014).

Following a call for papers, three papers were accepted for presentation at the workshop. The papers cover a diverse range of topics, and we are particularly pleased to note that one of them builds on a discussion that took place at last year's workshop. Topics include visualising stability within an evolutionary algorithm, the visualisation of trade-offs in many-objective optimisation, and finally a method for visualising empirical attainment function differences. 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 how the current state-of-the-art can be extended, with the development of new techniques and the application of existing methods to new problems, to fulfill researcher's 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 find opportunities to engage with the visualisation community and identify potential collaborations.

The organisation of VizGEC 2014 has been made possible with invaluable assistance from the GECCO organising committee. We would particularly like to thank the GECCO 2014 Workshops Chair, Per Kristian Lehre, for providing helpful comments and advice throughout the process of organising the workshop.

We look forward to welcoming you to VizGEC 2014.

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