Surrogate-Assisted Evolutionary Optimisation (SAEOpt'16) Chairs' Welcome

It is our great pleasure to welcome you to the *Workshop on Surrogate-Assisted Evolutionary Optimisation (SAEOpt)*. In many real world optimisation problems evaluating the objective function(s) is computationally expensive. Surrogate-assisted optimisation attempts to alleviate this problem by employing computationally cheap 'surrogate' models to estimate the objective function(s) or the ranking relationships between candidate solutions. Surrogate-assisted approaches have been widely used across the field of evolutionary optimisation, and successful applications include aerodynamic design optimisation, structural design optimisation, data-driven optimisation, chip design, drug design, robotics and many more. Despite recent successes in using surrogate-assisted evolutionary optimisation, there remain many challenges. In this workshop we aim to promote research on surrogate-assisted evolutionary optimisation, particularly the synergies between evolutionary optimisation and machine learning. We hope that the workshop will be of interest to researchers working on the applied and theoretical aspects of surrogate-assisted evolutionary optimisation.

The call for papers attracted submissions from United States and Europe. The program committee and the organizers reviewed and accepted the following:

Venue	Reviewed	Accepted	Acceptance rate
Full Technical Papers	3	1	33%
Position Papers	2	2	100%
Presentation Abstract	1	1	100%

We highly encourage the participants to attend the invited talks, a list of which will be available on the website: www.saeopt.ex.ac.uk

We would like to thank the authors and the invited speakers for their invaluable contribution to the program. We are grateful to the program committee, who worked very hard in reviewing papers and providing feedback for authors. Finally, we would like to thank the GECCO Workshop Chairs, Gisele Pappa and Markus Wagner, for support in organizing the workshop.

Alma Rahat, Richard Everson, Jonathan Fieldsend, Yaochu Jin, Handing Wang
Workshop chairs

SAEOpt 2016 Organization

Chairs: Alma Rahat *(University of Exeter, UK)*
Richard Everson *(University of Exeter, UK)*
Jonathan Fieldsend *(University of Exeter, UK)*
Handing Wang *(University of Surrey, UK)*
Yaochu Jin *(University of Surrey, UK)*

Program Committee: Tinkle Chugh *(University of Jyväskylä, Finland)*
Vanessa Volz *(Technische Universität Dortmund, Germany)*
Martin Zaefferer *(TH Köln, Germany)*