

# GECCO'16 Student Workshop Chairs' Welcome

It is our great pleasure to welcome you to the *GECCO '16 Student Workshop*.

The workshop is a joint event where undergraduate and graduate students can present their scientific work. Additionally, we aim to provide the students with useful feedback on their papers, their presentations, and possible future research directions. To this end, we encouraged detailed reviews of the papers from our program committee. More importantly, we were able to engage three established researchers for our mentor panel, who have access to all accepted papers and will attend the presentations, so that they are in an optimal position to formulate constructive criticism during the designated discussion periods.

With this workshop, we also intend to facilitate the integration of new members into the Evolutionary Computation (EC) community. For this reason, all students with accepted papers are given the opportunity to showcase their work at the GECCO '16 poster session to all conference attendees. On top of that, the mentor panel can nominate authors to be presented with a best student workshop paper award sponsored by SIGEVO during the awards session.

Our call for papers resulted in 14 submissions from Brazil, China, Ireland, Mexico, Pakistan, Russia, the United Kingdom and the United States, of which we were able to accept 11. The accepted papers cover a wide range of different topics related to EC, among them evolutionary algorithms, genetic programming and swarm-based algorithms, some of which integrate concepts from different fields, such as fuzzy logic, neural networks and clustering. A variety of both single- as well as multi-objective problems are addressed in the papers, among them many complex real-world applications. The full list of accepted papers is available on our website: [tinyurl.com/GECCO16SWS](http://tinyurl.com/GECCO16SWS). We hope that the multitude of topics covered will catch the attention of many GECCO '16 attendees - be they fellow students or distinguished researchers - so that promising student authors and their ideas are able to gain traction within the EC community.

We are looking forward to this year's GECCO student workshop and hope that it will be a fruitful and beneficial event for all participants, mentors, GECCO attendees and the EC community as a whole. Hence, we would like to thank the GECCO workshops chairs Gisele L. Pappa and Markus Wagner for their help throughout the process of organizing this workshop. We would also like to express our gratitude for their work and support to this year's general and student chair, Frank Neumann and Tea Tušar. Last but not least, we want to mention the submitting and presenting students, the mentor panel and the program committee again, since they all form integral parts of the workshop and its organization would not be possible without the contributions of either of these groups.



**Vanessa Volz**  
*Student Workshop Chair*

**Samadhi Nallaperuma**  
*Student Workshop Chair*

**Boris Naujoks**  
*Senior Advisor*

# GECCO'16 Student Workshop Organization

**Chairs:** Vanessa Volz (*TU Dortmund University, Germany*)  
Samadhi Nallaperuma (*University of Sheffield, UK*)  
Boris Naujoks (*TH Köln, Germany*)

**Mentor Panel:** Tobias Glasmachers (*Ruhr-Universität Bochum, Germany*)  
Boris Naujoks (*TH Köln, Germany*)  
Dirk Sudholt (*University of Sheffield, UK*)

**Program Committee:** Tinkle Chugh (*University of Jyväskylä, Finland*)  
Wanru Gao (*University of Adelaide, Australia*)  
Jorge Perez Heredia (*University of Sheffield, UK*)  
Roman Kalkreuth (*TU Dortmund University, Germany*)  
Sven Koitka (*Fachhochschule Dortmund, Germany*)  
Sebastian Krey (*TH Köln, Germany*)  
Edgar Covantes Osuna (*University of Sheffield, UK*)  
Mojgan Pouhassan (*University of Adelaide, Australia*)  
Alma Rahat (*University of Exeter, UK*)  
Alasdair Warwick (*University of Sheffield, UK*)  
Simon Wessing (*TU Dortmund University, Germany*)  
Donya Yazdani (*University of Sheffield, UK*)  
Martin Zaefferer (*TH Köln, Germany*)