

Berlin, 10. Januar 2019

We announce

### One PhD position (full)

at Technische Universität Berlin, Germany, at the Department of Mathematics. The position is for three years, and it is part of the research project 'Combinatorial structures and algorithms in highly symmetric graphs' funded by the German Research Foundation (DFG), headed by Torsten Mütze (<http://page.math.tu-berlin.de/~muetze>). There is no teaching obligation.

The position is within the Combinatorial Optimization and Graph Algorithms Group headed by Martin Skutella (<https://www.coga.tu-berlin.de>), with close links to the Discrete Mathematics group headed by Stefan Felsner (<https://www3.math.tu-berlin.de/diskremath>).

We expect that a candidate has a Master degree and a solid background in discrete mathematics and the theory of algorithms. Ideally, the applicant has knowledge in graph theory, combinatorial algorithms, posets, polytopes, and/or combinatorial geometry.

Please send your application documents electronically as a single PDF consisting of

- motivation letter
- curriculum vitae
- the Master thesis (or a draft of it)
- copies of diplomas/certificates/grades

to [muetze@math.tu-berlin.de](mailto:muetze@math.tu-berlin.de)

In addition, one letter of reference (recommendation letter) should be sent directly to the same email address. The application deadline is Friday, January 25, 2019.

Informal inquiries about the position can be directed at any time to the same email address.