Doctoral College on Logical Methods in Computer Science

Funded Doctoral Positions in Computer Science

TU Wien, TU Graz, and JKU Linz are seeking exceptionally talented and motivated students for their joint doctoral program LogiCS. The LogiCS doctoral college focuses on interdisciplinary research topics covering (i) computational logic, and applications of logic to (ii) databases and artificial intelligence as well as to (iii) computer-aided verification.

The program. LogiCS is a doctoral college focusing on logic and its applications in computer science. Successful applicants will work with and be supervised by leading researchers in the fields of computational logic, databases and knowledge representation, and computer-aided verification.

LogiCS faculty members:

- Matthias Baaz
- Armin Biere
- Roderick Bloem
- Agata Ciabattoni
- Uwe Egly
- Thomas Eiter
- Christian Fermüller
- Radu Grosu
- Alexander Leitsch
- Magdalena Ortiz
- Reinhard Pichler
- Stefan Szeider
- Hans Tompits
- Helmut Veith
- Georg Weissenbacher

We are looking for 1-2 doctoral students per faculty member, where 30% of the positions are reserved for highly qualified female candidates. The doctoral positions are funded for a period of 3 years according to the funding scheme of the Austrian Science Fund FWF.† The funding can be extended for one additional year contingent on a placement at one of our international partner institutions.

How to apply. Detailed information about the application process is available on the LogiCS web-page http://logic-cs.at/phd/. The applicants are expected to have completed an excellent diploma or master’s degree in computer science, mathematics, or a related field. Candidates with comparable achievements will be considered on a case-by-case basis. Applications by the candidates need to be submitted electronically.

Highest quality of life. The Austrian cities Vienna, Graz, and Linz, located close to the Alps and surrounded by beautiful nature, provide an exceptionally high quality of life, with a vibrant cultural scene, numerous cultural events, world-famous historical sites, a large international community, a varied cuisine and famous coffee houses.

† http://www.fwf.ac.at/de/projects/personalkostensaetze.html