



Doctoral College on Logical Methods in Computer Science

starting April 2014

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>