

Three PhD Fellowships to be Awarded

In the context of the German University Excellence Initiative, Humboldt-Universität zu Berlin recently established the

Berlin Interdisciplinary Graduate School on Self-Coordinating Road Traffic (BIGS²),

with participation of the Institutes of Computer Science, Geography, and Psychology.

In BIGS², we are currently seeking three PhD fellows. The fellowship encompasses a monthly grant of 1468,00 EUR for a duration of three years, starting from July 1, 2014. The graduate school as a whole follows an interdisciplinary concept, while each individual PhD topic will be rooted in one of the three participating disciplines.

The PhD research topic in **psychology** will concentrate on the acceptance of personalized route suggestions. The focus will be on the impact of transparency, predictability, control, and experienced fairness on the acceptance of personalized travel routes with features of varying attractiveness, and on the resulting effects on experiences and behaviour of traffic participants.

The topical focus of a PhD fellow in **geography** will be the influence of travel information on travel behaviour especially in an urban environment. The study shall examine the acceptance of and compliance with either individual or collective travel information. Particular interest concerns the impact of travel information on mode choice and mode shift.

A PhD fellow in **computer science** will consider the area of cooperatively collecting and processing data on the road traffic situation, of using it for short-term predictions of travel times, and of privacy-preserving techniques for communication and representation of the data that needs to be exchanged in such a system.

We are looking for candidates with a degree in psychology, computer science, geography, or a directly related subject, who should have obtained excellent grades during their studies. Successful candidates will also demonstrate interest in the abovementioned research areas within a transdisciplinary collaborative research environment.

Information on BIGS², the research and study programme, the PhD topics and the application process can be found on the Internet at www.bigs2.hu-berlin.de. Inquiries can also be directed by phone to Prof. H. Wandke (psychology, +49 30 2093 9358), Prof. E. van der Meer (psychology, +49 30 2093 9390), Prof. B. Lenz (geography, +49 30 67055 206) or Prof. B. Scheuermann (computer science, +49 30 2093 3050).

Applications are accepted until May 18, 2014. Please direct your electronic application to bigs2-betreuer@informatik.hu-berlin.de.

Handicapped applicants will be given preference if equally qualified. Humboldt-Universität zu Berlin aims to increase the proportion of women in research; we therefore explicitly encourage qualified female graduates to apply.