Call for Applicants
Hasso-Plattner Institute Research School at UCT

The Hasso-Plattner Institute (HPI) Research School at University of Cape Town, affiliated with the School of Information Technology at the University of Cape Town, annually grants new PhD scholarships to qualifying students from the African continent in the fields of Computer Science (CS) and Information Systems (IS). We seek high quality applications centred on ideas that revolve around proposing and evaluating solutions to problems of computer science and information systems that emerge in the African context.

Support is available for the research work of PhD candidates with the supervisors of the research school:

- Irwin Brown (IS) > ICT Innovations in Organisations and Society, and IS Management
- Josiah Chavula (CS) > Network Measurements, Performance Engineering and Software Defined Networking
- Melissa Densmore (CS) > Human-Computer Interaction
- Brian DeRenzi (CS) > Human-Computer Interaction
- James Gain (CS) > Collaborative Visual Computing
- Maria Keet (CS) > Knowledge Engineering
- Michelle Kuttel (CS) > High-Performance Computing and Visualisation
- David Johnson (CS) > Wireless Community Networks, Dynamic Spectrum Access
- Tommie Meyer (CS) > Knowledge Representation and Reasoning
- Deshen Moodley (CS) > Adaptive and Cognitive Systems
- Ulrike Rivett (IS) > iCOMMS – Community Services
- Lisa Seymour (IS) > Enterprise Systems, Business Process Management, IS Education, ICT4D
- Hussein Suleman (CS) > Digital Libraries, Information Retrieval, and Educational Technology

Eligible candidates will meet the following criteria:

1. Hold a Masters Degree in Computer Science, Information Systems or related field, supported by a good dissertation
2. Be proficient in English as attested by a recent score (obtained within 3 - 5 years before application for admission) of at least 570 (paper-based test) or 230 (computer-based test) on the Test of English as a Foreign Language (TOEFL); or a recent overall band score of 7.0 (with no individual element of the test scoring below 6.0) on the International English Language Testing System (IELTS). If your medium of education was in English then you are exempt from this requirement.

Accepted candidates should be prepared to study full-time in Cape Town, South Africa, and will be required to secure a study visa.

Important Dates
• Application Deadline: 15 August each year for admission in February of the following year

Application Guidelines
To apply, please submit the following:
• A curriculum vitae (2-3 pages)
• Academic Transcripts
• TOEFL/IELTS Results
• A brief research proposal (2-3 pages) with a potential supervisor at UCT identified

Your proposal must outline your research question(s) and proposed methodology for conducting the research. We will only consider proposals that fall within the core areas of our supervisors. It is advisable to consult the web pages and publications of potential supervisors, then to contact them by e-mail beforehand to determine if your areas of research interest align with theirs. However, please do not indiscriminately contact all staff in the School of IT at UCT. If you have more than one area of interest indicate this at the end of your research proposal.

Please submit a single pdf file, comprising ALL the application materials, electronically to https://tinyurl.com/hpi-uct-scholarships.

Shortlisted candidates will be expected to arrange for three reference letters to be submitted and be available for a video-conference interview in September.

Questions or requests for more information can be made to the Coordinator, Melissa Densmore, at mdensmore@cs.uct.ac.za.