Applications are invited from Doctoral students to represent Adelaide at the upcoming C9-G08 HDR forum at Nanjing University in China from Wednesday 28 October to Sunday 1 November 2015.

Each year the China 9 and Australian Go8 arrange a forum for PhD students of exceptional quality. The purpose of the forum is to strengthen links between Go8 and C9 universities, facilitate collaboration between Australia and China and create professional linkages between the future research leaders of the two countries.

The 2015 Forum will bring together up to 34 doctoral candidates from China and Australia to exchange ideas across disciplines and across national boundaries on key global issues.

The 2015 conference theme is: Big Data

With the rapid development and applications of modern Information and corresponding technologies, ‘Big Data’, following ‘Cloud Computing’, ‘Internet of Things’ and ‘Mobile Internet’, is a new hot topic in both academia and industry. As one of the important strategic resources, Big Data extensively affects science, engineering, health care, finance, business and ultimately changes society itself. It facilitates the cross-border integration between IT and industry by promoting the construction of smart cities, promotes information consumption, as well as the transformation and development of our current economy and society.

China today is formulating the ‘Internet +’ plan, aimed at promoting the innovation of business modelling and scientific decision making and which provides a broad scope for big data analysis and application. However, the research and development of Big Data faces many challenges from a global perspective, such as the lack of the top-level design, public platform systems, industry policy and information security mechanisms, especially the methods, tools and platforms of data modelling, storage, analysis and service. To solve all these problems, the key is to vigorously develop big data engineering and to construct the theoretical and practical systems of big data information service management.

Two top students, who are potential leaders of the next generation of researchers, will be selected to present their perspectives on the topic within an interdisciplinary context. The conference welcomes papers building on research from areas such as computer science, engineering, health care, finance, information management and business. There is no restriction on research area for applicants. Nominally, one student will be selected from the science/technology disciplines and one from the social sciences/humanities disciplines.

Papers that involve an interdisciplinary approach are strongly encouraged.

Purpose: To strengthen links between C9 and Go8 universities, facilitate collaboration between Australia and China and create academic and professional linkages between the future research leaders of the two countries.

Funding: Travel costs for up to two successful candidates will be supported by the University, as part of its commitment to the C9 – Go8 relationship. The Adelaide Graduate Centre will support 50% of the expenditure relating to accommodation; airfares; meals and incidentals with the remaining 50% to be contributed by your School. Applicants must confirm with their Head of School that funding will be available to support their participation in the forum prior to submission of an application.

Eligibility:
All students must be enrolled in a research degree at a C9 or Go8 University. Eligible students include those currently under examination.

Applications, including a 500 word abstract of the proposed paper, CV, and electronic editions of any relevant publications are due by **5pm on Monday 20 July** and should be emailed to [pamela.cook@adelaide.edu.au](mailto:pamela.cook@adelaide.edu.au) or, returned in hard copy (x5) to:

Ms Pamela Cook  
Adelaide Graduate Centre  
The University of Adelaide  
SA 5005

Selection of the final two students will be undertaken by a small sub-committee of REDC.