

Re: employment opportunities in RMIT University Australia
(Call for expression of interest)

Dear Colleagues,

Two postdoctoral research fellow positions (PDF) are available to conduct research into an Australia Research Council (ARC) project awarded to a research consortium consisting of research groups at RMIT University, the University of New South Wales and the Australian Bureau of Meteorology and an International Science Linkage Project (with US) from the Department of Innovation, Industry, Science and Research of Australian Government. Both projects are in the general direction of satellite-based radio occultation for atmospheric sounding, weather forecasting and climate monitoring in the Australian region and numerical weather prediction data assimilation.

The primary aim of these projects is to investigate innovative approaches for global profiling of temperature, pressure and humidity from Earth's surface to the stratosphere by employing a satellite-based radio occultation technique. New space-borne and ground-based satellite positioning and remote sensing techniques, atmospheric sounding technology and their fusion to overcome the constraints of sparse atmospheric sensor distribution for weather forecasting and climate monitoring, particularly in southern hemisphere, will be studied.

The appointee (s) is expected to contribute to the research activities of the consortium in the specialist areas of GPS and geodesy, GPS meteorology, precise orbit determination, data assimilation and atmosphere science in particular. The successful applicant is expected to lead, undertake and participate in day-to-day operation of the research work, including management of the research project, documentation, software and algorithm developments, and carrying out field experiments when appropriate.

Remuneration: Aus\$60,000-\$95,000 p.a. (including 17% employer superannuation contribution) commensurate with experience (Aus\$1.0 \approx US\$0.85 \approx €0.60 as of August 2008)

Duration: 3 years (position 1) and 2 years (position 2) respectively, commencing early 2009

Deadline: until the position is filled

Further contact:

Please send your recent CV with detailed education/qualification, working experience, award/recognition, publication and research grants etc along with a cover letter indicating your level of English proficiency and the potential contribution/skills you can offer to:

Dr Kefei Zhang

School of Mathematical and Geospatial Sciences, RMIT University, Melbourne Australia.

E-mail: kefei.zhang@rmit.edu.au, <http://user.gs.rmit.edu.au/kefei/EmploymentOpp.htm>