The Wireless Networking Group (WiNG), led by Dr. Abbas Jamalipour at the School of Electrical and Information Engineering, University of Sydney pursues advanced research and development for individual networks and their integration toward a collaborated heterogeneous architecture. We work on the architecture design and related protocols and techniques to make the future mobile broadband Internet closer. We also work on securing the information network and bringing both infrastructure-based networks (e.g. cellular mobile, wireless LAN, and WiMax) and infrastructure-less networks (e.g. ad hoc and sensor networks) into a mutual agreement and collaboration.

Under a Discovery Project funded by the Australian Research Council, we are working on development of pervasive data dissemination framework and its protocols using wireless mobile ad hoc networks. We are looking for a research fellow who could be part of this project and to perform research in collaboration with the current research members of the group.

Essential selection criteria for this position include:

- Has a recent PhD or has submitted the PhD thesis in the field of Wireless and Mobile Networks or related fields
- Capable of performing simulation and analysis of the mobile communications networks
- Good publication track record in the field of wireless networking in prestigious journals/conferences such as IEEE Transactions and international conferences

The position is full-time fixed term for one year, subject to the completion of a satisfactory probation period for new appointees, with further offer of another six months subject to funding, need and performance. Membership of a superannuation scheme is a condition of employment for new appointees.

**Remuneration package:** up to 79,854 p.a. (which includes a base salary up to $67,478 p.a., leave loading and up to 17% employer's contribution to superannuation).

**All applications must be submitted online. To be considered, applicants must respond to the selection criteria.** For more information or to apply please visit: [http://usyd.nga.net.au](http://usyd.nga.net.au) and search by the reference number. The full list of Selection Criteria can be found from the link located at the bottom of the online advertisement. Please note that resumes need to include contact details of 3 referees and a list of publications.

For further information contact the Wireless Networking Group Leader, Dr. Abbas Jamalipour, by tel. on +61 2 9351 2843, email: abbas@ee.usyd.edu.au General enquiries can be directed to Fabrice Noël: tel. +61 2 9036 7295, email: f.noel@usyd.edu.au

**Closing Date:** 6 September 2009