Network Technology - Research Fellow (Postdoctoral position)

You will be involved in the development of protocols and algorithms for general networks including wired, wireless mesh and mobile ad hoc networks.

The successful applicant will be attached to multiple funded projects with great prospects for learning and training to support the person's future endeavors. In fact our previous postdocs have received lucrative job offers after their stint with us.

The successful applicant is expected to lead a team of research assistants and postgraduate students in producing research works.

Candidates who show high motivation and initiative in driving the research team are preferable.

The time-frame for this postdoc position is up to 3 years and is therefore suitable for candidates who wish to join the academia, or to join the industry with team-leading experience.

Some of the current research scope include
- Host and network mobility through global and local management solutions
- Protocols to enable QoS across wireless domains
- MANET routing supporting QoS and reliability requirements
- High speed wireless MAC protocol
- Robust Networking
- Network Coding

Requirements:
- PhD in Computer Engineering, Computer Science, Electrical & Electronics Engineering or related disciplines
- Highly motivated and possess initiative in driving a research team
- Capable in mentoring postgraduate students to produce quality research
- Relevant research experiences in mobile ad hoc network, mobility management, media independence handover, and protocol optimisation techniques.
- Those with relevant research experiences in robust networking and network coding will also be considered
- Experiences in programming NS2 and conducting network experiments
- Strong programming skills and experiences in Linux kernel modules and device drivers are preferable
- Fresh PhD may apply

Only shortlisted candidates will be notified.