

Position Specification

Position Title: Senior Researcher, Level 4
Reporting To: Program Leader
Program: Embedded, Real-Time and Operating Systems
Location: Sydney Research Laboratory, Kensington

Position Profile:

Contribute to the research activity at NICTA in alignment with NICTA's objectives, including research, commercialisation, education and linkages.

Accountabilities and Associated Responsibilities:

- Achieve the highest international standards of research,
- Significantly contribute to the management of the research program and functions of the Research Laboratory,
- Develop research synergies with researchers in ERTOS and with other NICTA programs and external partner organisations,
- Contribute to the teaching of advanced courses,
- Contribute to NICTA's international image by participating in International projects, presentations at conferences, international collaborative projects and attracting high quality international research and by being invited by high quality international research institutions
- Initiate research and development interaction with industry with a view to generate economic impact
- Work with Program Leaders and other researchers to develop project in alignment with the ERTOS Strategic Plan
- Participate in supervision and review of PhD and honours students
- Contribute to the corporate development of NICTA through assisting in the induction, training and mentoring of staff,
- Maintain high ethical and performance standards.

Knowledge and Experience Requirements:

- PhD qualification in computer science/engineering or a related field
- track record of research in operating systems, real-time systems or power management
- track record of building systems
- Experience at Researcher (Level 3) or equivalent in a university and/or commercial research laboratory to demonstrate supervisory or leadership skills
- Evidence of collaborative work
- Evidence of initiated research projects and significant contribution to large and multi-stakeholder projects
- Close fit with research activities in ERTOS
- Attracting international recognition in the discipline area as evidenced by invitation to program committees of significant conferences or equivalent

- Record of research having the potential for economic impact as evidenced by patents, licences, significant open-source contributions or commercialisation