

## **Position Specification**

Position Title: Principal Researcher, Level 5  
Reporting To: Program Leader  
Program: Embedded, Real-Time and Operating Systems  
Location: Sydney Research Laboratory, Kensington

## **Position Profile:**

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

## **Accountabilities and Associated Responsibilities:**

- Exercise inspirational leadership within the disciplinary activity and exercise a leadership role in the wider Australian and international ICT context,
- Achieve the highest international standards of research and maintain a long-term research vision,
- Promote role of NICTA in international ICT research
- Lead research projects, coordinate commercialisation opportunities
- Provide major contribution to publication of research
- Serve as a model of innovative research approach
- Attract and motivate PhD students,
- Achieve the highest international standards of research training particularly through established competence and experience in, and strong commitment to, the supervision and teaching of students at honours and PhD level,
- Contribute to the administrative and academic functions of the Research Laboratory to contribute as a team member to overall management and planning within the Research Laboratory and NICTA,
- Form research synergies with other research activities within NICTA, partner universities and other research institutions,
- Identify and secure external sponsorship of research through links with industry, the private sector and government,
- Initiate and successfully manage research and development interaction with industry,
- Contribute to the corporate development of NICTA by assisting in the induction, training and mentoring of staff and students,
- Maintain high ethical and performance standards

## **Knowledge and Experience Requirements:**

- PhD qualification in computer science/engineering or a related field
- Experience at Senior Researcher (Level 4) or equivalent in a university and/or commercial research laboratory
- Achieved international profile of leadership in discipline area
- Demonstrated supervisory or leadership skills and record of group building
- Evidence of collaborative work

- Evidence of initiated and completed research projects
- Close fit with research activities in ERTOS
- International recognition in discipline area
- Track record of program committee membership of leading conferences
- Make invited presentations to workshops and conferences
- Record of economic impact as evidenced by patents, licences, significant open-source contributions or commercialisation
- Evidence of successful research commercialisation