



## **Position Specification**

Position Title: Senior Principal Researcher, Level 6  
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:**

- Undertake an effective role in the determination of educational policy and standards,
- Demonstrate significant innovation in teaching design and delivery,
- 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,
- Play a significant role in collaborative research projects,
- 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 role model for innovative research, teaching and commercialisation
- 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 establishing and strengthening links within NICTA in line with NICTA's strategic direction,
- Contribute to development and implementation of NICTA's policies,
- Contribute to the corporate development of NICTA by assisting in the induction, training and mentoring of staff and students,
- Be a role model of high ethical and performance standards

### **Knowledge and Experience Requirements:**

- PhD qualification in the relevant area
- Experience at Principal Researcher (Level 5) or equivalent in a university and/or commercial research laboratory
- Strong record building and supervising a research group
- Evidence of initiated and completed research projects

- Close fit with research activities in ERTOS
- International recognition in discipline area
- Creation of or changes to a body of work within discipline area
- Track record of program committee membership and chairships and invited talks of leading conferences
- Strong record of economic impact as evidenced by patents, licences, significant open-source contributions or commercialisation