



Embedded Systems Australia

www.embeddedsystemsaustralia.com.au



Embedded Systems Australia jointly with NICTA Queensland

INVITATION

Embedded Systems..... The Smarts behind Safety & Security

Friday 1 May 2009 : 2.00pm to 5.00pm

Where: NICTA Queensland Research Laboratory, Level 5, Axon Bldg (47),
Staff House Road, St Lucia ([find it in google map](#))

RSVP: Janice Humphreys janice@globalinnovation.com.au
(refreshments will be served)

Welcome

Prof Brian Lovell – Research Leader, NICTA Qld Research Laboratory
(Overview of NICTA's activities in safety and security)

Guest Speaker

Dr Abbas Bigdeli, Embedded Systems Researcher, NICTA Qld

Topics include:

- *Vision-based anti-collision system for maintenance trains (QRL)*
- *Multi-vision high resolution smart camera (for face in the crowd recognition, UAV-based vision systems, etc)(QRL)*
- *Modelling techniques for semi-automatic partitioning of computer vision algorithms between HW and SW*

Program

1. ESA Structure, governance and sponsorship
2. ESA 2009 Calendar of Events
3. Updates from March project meeting (Qld) in Mining/Mining Technology Services, Transport & Logistics, Emergency Services/Security
4. International Projects (ARTEMIS 2nd call)
5. Education & Outreach activities