



# Eii Workshop on RFID Data Processing and Management

August 31 2007, Brisbane, Australia

<http://www.eii.edu.au/taskforce0607/rfid>

**Welcome** Call for Participation



Radio Frequency Identification (RFID) is a wireless communication technology that uses radio-frequency waves to transfer information between tagged objects and readers without line of sight. This creates tremendous opportunities for linking various objects from real world. These objects are numbered, identified, catalogued, and tracked. In recent years, RFID is emerging as an important technology for revolutionizing a wide range of applications including supply chain management, retail, aircraft maintenance, anti-counterfeiting, healthcare, just to cite a few.

RFID technology is bring a revolution to the way that we track items in business applications such as manufacturing, the logistics distribution, various stages of supply chains, retail store, and asset management applications. The ubiquitous computing and sensor networks are now generating a very large volume of temporal and spatial data that is often with noises and duplicates. RFID tags are much more than barcode replacement in terms of base technology and the applications. RFID technology also provides many more advantages than the smart card technologies and poses many interesting challenges to the data processing and management systems. Understanding these new technology implications and its new applications is a key to enable Australian ICT professionals to face these new challenges to our society.

**Australian & World Leading RFID Researchers will come to discuss their visions and insights on RFID Technology: What is it? What is its promises? What is its current status? What is the future of RFID Technology?**

- ★ Prof. John R. Williams, Director of Auto-ID Lab at MIT USA: Issues in RFID Standards and Research
- ★ Dr Tao Lin, Director of Auto-ID Research at SAP Labs in Palo Alto USA: Challenges and Opportunities of RFID/EPC Network to Enterprise Applications
- ★ Prof. Peter H. Cole, Director of Auto-ID Lab at Adelaide University, will share his more than 40 years experience in the leading of RFID research and development
- ★ Praveen Kannan, the Manager of EPCglobal implementation at GS1 Australia, will talk about his work on EPCglobal Standard Development
- ★ Prof. John Mo of RMIT, will share his valuable experience on his recently completed the 1<sup>st</sup> Australian RFID National Demonstrator Project
- ★ Plus other talks given by Australian RFID researchers and practitioners

## CONTACT INFORMATION

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