



## WATCHING OUR WORLD WITH WIRELESS SENSOR NETWORKS

Thursday, 28<sup>th</sup> February, 2008  
Refreshments at 5.30pm Talk at 6:15pm  
Keays Room Engineering House,  
447 Upper Edward St, Brisbane

Presented by: Tim Wark, Leader of the Sensor Networks team within the Autonomous Systems Laboratory in the CSIRO ICT Centre

Wireless sensor networks (WSN) are a new technology that is transforming the way we collect data about the natural environment.

Capitalizing on Moore's Law which facilitates low-cost embedded sensory and computational elements with ad hoc wireless capability, these networks will provide information on an unprecedented temporal and spatial scale.

The CSIRO has a large, cross-cutting research theme into wireless sensor networks which is developing system components including sensors, energy sources wireless communications, privacy and security, programming, querying, maintenance, planning, web service integration and data management.

This talk will present an overview of CSIRO's current work in this area ranging from core hardware and software platform technologies through to applications of sensor networks in domains such as water, agriculture and rainforest ecology.

### **Presenter**

Tim Wark currently leads the Sensor Networks team within the Autonomous Systems Laboratory in the CSIRO ICT Centre. His current research interests are in the application of sensor networks to answer new questions in the agricultural and ecological domains, along with multimedia processing in sensor networks. He received his PhD in multi-modal signal processing from the Queensland University of Technology.

*Seating is limited at this venue so please register early*

ALL VISITORS ARE WELCOME

CPD POINTS:1

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Alternatively, phone 07 3832 3749 or email [desguin@engineersaustralia.org.au](mailto:desguin@engineersaustralia.org.au)