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present the **2005 RESCUE SEMINAR SERIES**

**Disaster Prediction Response and Recovery (DisPRR) – Australia coming to the RESCUE**

**DATE:** October 4, 2005

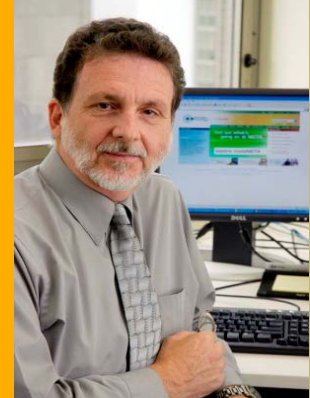
**TIME:** Refreshments served at 1:45 p.m. with talk to follow.

**LOCATION:** Calit2 Room 2006

**RELATED LINKS:** <http://nicta.com.au/>

For additional information on this series, contact  
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Faculty Sponsor: Professor Sharad Mehrotra



**SPEAKER**  
**Dr. J. Chris Scott**  
Director, Queensland Laboratory  
National ICT Australia

**Disaster Prediction Response and Recovery (DisPRR)  
Australia coming to the RESCUE**

Dr. J. Chris Scott  
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In 2004 the Queensland State Government in collaboration with National ICT Australia (NICTA) established a collaborative R&D Centre to operate under the general area of 'Safeguarding Australia'. A key project developed within this theme is Disaster Prediction, Response, and Recovery (DisPRR).

The project has been developed by NICTA and its three partner Universities (Griffith University, Queensland University of Technology, and Queensland University) in consultation with several State Government agencies including Police, Emergency Services, Office of Premier and Cabinet, and Public Works. Also involved are several commercial organizations including SMEs and Multi-Nationals.

This talk will provide background to the establishment of the Centre (located in Brisbane, Australia), the DisPRR project, its objectives, and details of its technical components. These objectives address key ICT operational requirements of both natural and man made disaster prediction, and the associated response and recovery processes. Like RESCUE this project was established before the recent natural disasters in the US and Indian Ocean, and the London bombings. These recent events provide a unique opportunity to drive the project in a way that will ensure valuable outcomes in the future.

The DisPRR project has five technical elements including:

Smart sensors; Information and Human Understanding; Modelling and Agents; Trusted Systems; And Secure and Autonomic Networks  
An overview of these five areas will be provided with an emphasis on the first – Smart Sensors.

**Bio** (abbreviated):

Dr Chris Scott received his bachelors Degree in Electrical Engineering from the University of Queensland in 1972. Between 1972 and 1975 he was employed as an R&D engineer with an Australian SME designing laser systems. In 1978 he was awarded a PhD from the City University in London, UK for his work on the pulse length dependence of optical damage in electro-optic materials.

In 2000 he joined Australian Photonics Pty.Ltd as General Manager where he was responsible for managing stakeholder relationships and commercialization from the Australian Photonics CRC. He was involved in several start-up companies and their capital raisings, he established and managed the \$3.3M Defence project on optical signal processing for radar applications.

In January 2005 Dr Scott joined NICTA as Director of the Queensland Laboratory.