

Smart Train Sessions

Flying Farm Robots

- aviation and farming in the 21st century.

Imagine the future of farming, where flying robots silently survey waterholes, fence lines and crops on vast outback properties, and report back to the farmer via computer. The future is here, thanks to Unmanned Aerial Vehicles, or UAVs. UAVs have already been successfully tested for use on Australian farms and are set to have an enormous impact in the future of agriculture in Australia, in farming, biosecurity and other areas. Could UAVs revolutionise the future of your agribusiness?

Join Australia's leading experts in unmanned aerial vehicles and agriculture as we explore the amazing possibilities for these futuristic flying farm robots.

Sharing their thoughts will be...



Professor Rodney Walker - Director, Australian Research Centre for Aerospace Automation (ARCAA) School of Engineering Systems, QUT.

Rod is a national authority on the latest developments in the avionics industry and director of the largest research group in Australia focusing on automation in the aerospace and aviation industry. Rod will discuss his current projects on developing technologies that will allow UAVs to seamlessly fly in the airspace. He will also highlight the latest developments occurring in the aviation industry.



Troy Jensen - Research Engineer, Department of Primary Industries and Fisheries (DPI&F).

Troy has a decade of experience applying engineering technologies such as the use of Unmanned Aerial Vehicles (UAV) to agriculture. He has been involved in diverse research projects, such as controlled traffic farming, extraction of pectin from sunflower stubble, and grass seed harvester designs. Troy will discuss his current project with the CRC for National Plant Biosecurity to spatially monitor plant spores using UAVs, and what other potential he sees for the technology.



Dr Jonathon Roberts - CSIRO Science Leader, Robotics.

Jonathan has spent the past fifteen years working on developing field robots for applications as diverse as mining, reef monitoring and industrial transport. He is now focusing his attention on UAVs and is particularly interested in so-called "computer vision" - getting robots to "see".

Date

Thursday
5 June 2008

Time

5:30pm - 7:30pm

Refreshments provided

Venue

Jardines Room,
Cairns Colonial Club
Conference Centre,
Behan Street, Cairns.

Audience

Local Manufacturers
Aviation industry
Growers
Agribusiness
Local Government
Members of the
community

RSVP

29 May 2008

By Email to:

rhys.mudford@qut.edu.au

Information

Ph: 07 3138 5148

Smart Train Supporters

