

Wednesday 22nd November

12.00pm **REGISTRATION**

1.00pm **WELCOME**

1.15pm **GUEST PRESENTATIONS**

* Industrial Design Software --- Shane Preston, Intercad

* High Speed Camera Technology --- Kevin Dowsey, Turnkey Solutions

3.00pm **AFTERNOON TEA**

3.30pm **GUEST PRESENTATIONS**

* USB data loggers --- Technical/Field Engineer, National Instruments

* Parallax Propeller microprocessors --- Ron Nollet

5.30pm **End of Day 1**



intercad
turning vision into reality

TOTAL
Turnkey
SOLUTIONS

*Leaders in Data Acquisition,
Scientific Imaging and Machine Vision*



NATIONAL
INSTRUMENTS™

Thursday 23rd November

9.00am

OVERVIEW PRESENTATIONS

- * Lyndall Kummer -- RMIT University
- * Robert Stokes -- Victoria University
- * Chris Morgan -- AIS
- * Chris Calingao -- NSWIS
- * Rod Hall -- University of Ballarat
- * Michael Steinebronn -- AIS

10.30am

MORNING TEA

11.00am

STUDENT PRESENTATIONS -- Sydney University

12.30pm

LUNCH

1.30pm

NSWIS Facility Tour

Chris Calingao

2.30pm

OVERVIEW PRESENTATIONS

- * Dene Irvine -- University of Otago
- * Mark Andrews -- QAS
- * Jamie Plowman -- AIS
- * Ian Fairweather -- Victoria University

3.30pm

AFTERNOON TEA

4.00pm

Rebecca Tanner -- NSSQA

Calibration Protocols for Treadmills & Overview

Discussion regarding procedures for calibration of treadmill speed and gradient + general overview.

4.30pm

7.00pm

CONFERENCE DINNER -- Concerto Mediterranean Restaurant

- * Bus to depart Ibis Hotel at 6.45pm

Friday 24th November

9.00am

Kenneth Graham -- NSWIS

Sport Science Research & Technology

9.30am

Raoul Luescher -- AIS

Sprint Cycle Ergo and Skeleton Monitoring

A presentation on two different pieces of testing apparatus. One a sprint cycling ergometer and the other an instrumented skeleton sled.

10.00am

Lyndall Kummer -- RMIT University

Designing a New Laboratory

10.30am

MORNING TEA

11.00am

Robert Stokes -- Victoria University

Compact Rechargeable Power System

The (ongoing) development of a low profile, compact rechargeable power system to suit body-worn instrumentation systems.

11.30am

Jamie Plowman -- AIS

Designing a Datalogger

Main stream consumer electronics have drastically reduced the cost of large capacity FLASH memory. When combined with modern microcontrollers, these two technologies can form the nucleus of a sophisticated data logger. This presentation will explore the issues and opportunities these devices can encounter. We will use the example of a simple GPS logger to illustrate these points.

12.00pm

Andreas Wallbaum -- AIS

Little Boxes

Several projects in various shapes and forms.

Conference Exhibitors

EXHIBITOR

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**TRADE DISPLAYS & DISCUSSIONS WILL BE HELD DURING MORNING TEA,
LUNCH & AFTERNOON TEA BREAKS ON THURSDAY & FRIDAY.**