

School of Surveying & Spatial Information Systems, UNSW

UG Thesis Conference, 27 October 2008

As has been the custom in previous years, the final year Surveying & SIS undergraduate students will present the results of their theses in public lectures. This year's *Thesis Conference* will take place on Monday, 27 October, in the room LG03 - Rex Vowels Theatre, Lower Ground Floor, Electrical Engineering Building of the UNSW Kensington Campus.

Attendance is free! Visitors are welcome - particularly the employers of the students - as are family members and friends of the thesis students. The School will provide morning & afternoon refreshments, and a light lunch. We would appreciate if you could let us know if you will attend by Thursday 23 October (93854182 or email survsis@unsw.edu.au). CPD: 6 Survey Practice Points, 0.5 Cadastral Points.

08.45 – 10.50 hr

1. Alex Lyle, **The Greening of Surveying**
2. Narelle Underwood, **The Surveyors Role in Developing a Sustainable Society**
3. Kyle Sandona, **Sustainable Catchments & Saving Stormwater**
4. Ryan Fifield, **Strata Title: Issues & Innovations**
5. Alex Suchy, **3D Visualisation of Davis Station, Antarctica**
6. Daniel Kurzawa, **GPS in Sport: Determination and Analysis of Fitness Levels**
7. Alek Vorobyov-Salameh, **Unmanned Aerial Vehicle-based Mapping**

10.40 – 11.00 hr Refreshments (Foyer, Rex Vowels Theatre)

11.00 – 13.05 hr

8. Jarad Cannings, **Re-connecting the Fort Denison Tide Gauge to the Mainland**
9. Donny Darmawan, **Development of a GIS-enabled Cyclone Analysis System**
10. Selin Ozdemir, **The Practical Implementation of Horizontal Positional Uncertainty in NSW Survey Infrastructure**
11. Joel Wooby, **Robotic Total Stations**
12. Lucy Chen, **Obesity & its Factors in Australia**
13. Elise McKenna, **GIS & Sustainability in NSW**
14. Borce Dimeski, **GPS Mapping**

13.05 – 13.30 hr Light Lunch (Foyer, Rex Vowels Theatre)

13.30 – 15.35 hr

15. Rob Mansour, **Accuracies & Errors in Laser Scanning**
16. Matthew Allen, **Summaries & Analyses of Recent Land & Environment Court Cases**
17. Henry Morris, **Underground Services Detection & Collaboration**
18. Shady Dakan, **GPS-based Car Navigation**
19. Lachlan Young, **Deformation Monitoring**
20. Nic Tucker, **Network RTK Testing & SydNet**
21. Ben Jackson, **Positioning Astronomy Through the Ages**

15.35 – 15.55 hr Refreshments (Foyer, Rex Vowels Theatre)

15.55 – 17.45 hr

22. Chris Larmour, **3D Virtual Model of Oran Park Raceway (part 1)**
23. Brendan Elliott, **3D Virtual Model of Oran Park Raceway (part 2)**
24. Ana Podrug, **A Comparative Study of Australian vs. Overseas Methods & Standards used in Archaeological Surveys**
25. Tom Barker, **Developing Test Strategies for GPS Receivers**
26. Mitchell Ayres, **Cadastral Modelling**
27. Stefan Taschner, **A GIS Tool for Cycling in the Eastern Suburbs**