

**GEODESY AND GEOMATICS ENGINEERING
SEMI-ANNUAL STUDENT TECHNICAL CONFERENCE**

SCHEDULE OF EVENTS

DINEEN AUDITORIUM – C13

Thursday – 4 December 2003

0900-0905 **Opening Remarks**

Session 1 Remote Sensing / Land Information Management

Chair - TBA

0910-0940 **Pingping Xie**
3D Visualization System for High Resolution Satellite Colour Stereo Images

0940-1010 **Ruisheng Wang**
Extraction of Urban Road Network Using QuickBird Pan-Sharpened Multispectral and Panchromatic Imagery by Performing Spatial Feature Post-Classification

1010-1040 **John Fleming**
Land-Water Enhancements and Coastline Detection in SAR Images: Image Processing before Tracing Coastline

Coffee Break

1100-1130 **Sam Ng'ang'a**
Developing the Concept of a Marine Cadastre – Lessons from the Proposed Musquash MPA Case Study

1130-1200 **Boipuso Nkwae**
Extending Botswana's Cadastral System into Customary Tenure Environment: Fusion or Confusion?

1200-1300 **Lunch Break**

Session 2 Geodesy and Hydrography

Chair - TBA

1300-1330 **Eulalio Ortiz**
Determination of Input Parameters of Physical Deformation Models Through an Inversion of Measured Displacements

1330-1400 **Karen Cove**
Assessment of Performance of Ionospheric Delay-Free GPS Carrier Phase Kinematic Relative Positioning With Varying Baseline Lengths

1400-1430 **Jason Bond**
An Investigation on the Use of GPS for Deformation Monitoring in Open Pit Mines

Coffee Break

1450-1520 **Travis Wert**
Analysis of Tidal Height Retrieval Using Globally Corrected GPS In the Amundsen Gulf Region of the Canadian Arctic

1520-1550 **Jim Bradford**
A Potential Underwater Target Classification System for use in High Target Density Areas

1550-1600 **Closing Remarks**

1600 **Reception**