



Geodesy & Geomatics Engineering
Technical Report Presentations
2012 03 22
Dineen Auditorium [Head Hall room C 13]

09h20 Opening Remarks

09h30 Session 1 [chair: Kristof Dumais]

09h30 Aaron Farkas

Numerically modelling relocation and positioning operations in active source marine seismic surveys.

09h45 Shawn Leroux

The effects of 4G LTE networks on the GPS community.

10h00 Dustin Tower

The effects of post glacial rebound in the province of New Brunswick.

10h15 Kelly O'Brien

Labrador and Quebec boundary uncertainties: their causes and impacts.

10h30 Andrew Ouellette

The issues involved in the delimitation of international land boundaries.

10h45 break, C-level lobby

11h00 Session 2 [chair: Brett Watson]

11h00 Norman Chai

Validating GEM global model pressure against observed pressure from IGS sites.

11h15 Jarrett Fraser

Comparing land tenure of New Zealand Maori communities to Atlantic Canadian Aboriginal tenure.

11h30 Andrew Healy

Capabilities and limitations of surface detection with 3D terrestrial laser scanner.

11h45 Matthew Rutledge

The setup, configuration and use of the Leica TDA5005.

12h00 Connor Embleton

The implementation of height transformation to survey data to improve workflow efficiency.

12h15 lunch, C-level lobby [GUESS barbeque]

over

13h30 Session 3 [chair: Aaron Farkas] Canadian Institute of Geomatics Competition

13h30 Geoff Banks

An evaluation of online precise point positioning services for movement detection of the 2011 Tohoku earthquake.

13h45 Kristof Dumais

Application and assessment of the Leica TDA5005 for industrial metrology: Capabilities and limitations for deformation detection.

14h00 Andrew Jenkins

Land use planning in New Brunswick concerning shale gas drilling.

14h15 Bradley Eisan

Acoustic mapping of a moving iceberg in the Canadian Arctic.

14h30 Patrick Myette

Assessment of kinematic precise point positioning.

14h45 break, C-level lobby

15h00 Session 4 [chair: Andrew Healy] Canadian Institute of Geomatics Competition

15h00 Aaron Creamer

An evaluation of the potential impacts of private title allocated to First Nations in British Columbia.

15h15 Dane Frenette

GIS-based web application for the GeoCell.

15h30 Mohamed Moullem

Assessing ocean tide loading [OTL] signature in Saint John and Digby using precise point positioning [PPP].

15h45 Tracey Peet

Assessment of GOCE gravity models across Canada.

16h00 Brett Watson

Accuracy and precision assessment of atmospheric pressure loading applied to precise point positioning.

Closing Remarks

16h15 Reception, Head Hall room C 9 [sponsors: McElhanney & the Department]

Remarks by the Chair

CIG Awards