

Geodesy and Geomatics Engineering – Nashwaaksis Room

- 8:25 a.m. **Opening Remarks**
- 8:30 a.m. Exploring HoloLens and LIDAR for 3D visualization
(T. Archer, B. Davis, M. Hamilton)
- 8:55 a.m. Assessment of Airborne Lidar Bathymetry Accuracy for Navigation Safety
(J. Gong, M. Leger)
- 9:20 a.m. Create a 3D model of Head Hall using BIM techniques
(G. Chockalingam, P. Garritano, R. Parsons, C. Thompson)
- 9:45 a.m. LiDAR Terrain Analysis for Mountain Bike Trail Design
(K. Eddy, M. Gray, C. Marchand)
- 10:10 a.m. **Break - Upstairs in Project Display Room**
- 10:30 a.m. How Geomatics Approaches Continue to Shape the Forestry Industry
(L. Rincon Ceballos, T. Thompson)
- 10:55 a.m. Multi-Unit Length Baseline Design
(M. Dale, B. Faulhammer, K. Hamlyn, J. Surgenor)
- 11:20 a.m. Boundary Dispute Resolution Best Practice in Canada Applied to the Maritime Provinces
(C. Thompson, J. Zhang)
- 11:45 a.m. Assessing New Brunswick's Passive Geodetic Control Network
(E. Bower, R. Roach, A. Tigeris)
- 12:15 p.m. **Lunch break**
- 1:15 p.m. Using Oblique Imagery to Improve Point Cloud Density of Structures
(N. Caissie, M. McDermand, C. Mena Arrastia, S. Wedge)
- 1:40 p.m. Detecting Cyanobacteria in the Saint John River
(O. Cormier, T. MacRae, K. Shea, B. Simpson)
- 2:05 p.m. Comparison of Laser Scanning and Terrestrial Photogrammetry Derived Point Clouds for the Purpose of Modelling Slope Movement and Stability
(A. Brown, C. Prospero-Porta)
- 2:30 p.m. **Judging**
- 3:00 p.m. **Awards Announcements**

Student Award Sponsors:

Department of Geodesy and Geomatics Engineering
Canadian Institute of Geomatics, New Brunswick Branch
McElhanney, Midwest Surveys

Judges:

Robert Harris	Bernie Connors
Katie LeBlanc	Jeremy Nicholson
Colin Lang	