

# Geodesy and Geomatics Engineering Design Symposium GGE4700

April 2, 2020



- 8:25 a.m. **Opening Remarks**
- 8:30 a.m. Effects of Ice Cover on Chart Datum in the Canadian Arctic (**M. Bujold, C. Pellerin, M. Plichie**)
- 9:00 a.m. Comparison of Fixed Wing UAV Accuracies using RTK and Ground Targets, RTK only, and Ground Targets Only (**A. MacQuarrie, N. Burns, K. Fenerty**)
- 9:30 a.m. Precise Height Transfer Over Water Bodies (**K. Allen, Z. Burrell, D. Chaisson**)
- 10:00 a.m. Automated Parking Detection for Unmarked Lots (**N. Bertheleme, J. McCarthy, B. Morrison, A. Urquhart**)
- 10:30 a.m. **Break**
- 10:45 a.m. Evaluating Fredericton's Conventional Control Network (**T. Peters, M. Walker, N. Hanlon**)
- 11:15 a.m. Handling Data Migration from AutoDesk to Esri Geodatabase (**K. Hale, P. Aisabokhale**)
- 11:45 a.m. Shoreline Modelling using Satellite Imagery (**A. Fitzgerald, C. Herget, J. Gunn, J. House**)
- 12:15 p.m. **Lunch break**

- 1:15: p.m. Developing a technique for building 3D models of covered bridges in New Brunswick (**A. MacDonald, K. Connor M. Furness**)
- 1:45 p.m. A Comparison of Methods for Creating a Hydrographic Vessel Coordinate System (**S. Power, Q. Yao, B. Cleghorn**)
- 2:15 p.m. Developing Hydrographic Survey Planning Tools with Oceanographic Models (**T. Guenette, J. Vriends, M. Fortner, J. Smeltzer McCausland**)
- 2:45 p.m. Judging
- 2:45 p.m. **Break**
- 3:00 p.m. **Award Announcements**

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