

## "Advances in Positioning Technologies and Applications to Mapping".

Canadian Institute of Geomatics 2-day Symposium at COGS, in Lawrencetown, on Feb.19-20.

### Tentative Agenda

#### Day 1 Thurs Feb. 19, COGS AV Room

9:00 Registration

9:15 Opening welcome & remarks

#### **Introduction to high precision GPS & the latest equipment –**

9:20 Richard Phalen, COGS Faculty: Introduction to high precision survey grade GPS

10:30 Refreshment Break – Sponsored by NSCC Applied Research

10:45 Paul Lyon, Leica GeoSystems Limited: Leica's solution to precise positioning

11:30 Robert Martin, Cansel: Trimble's solution to precise positioning

12:15 Lunch – COGS cafeteria – participants on their own

#### **Applications of these technologies to Mapping –**

1:15 Paul Mrstik, TerraPoint Canada: TITAN: A Mobile terrestrial LiDAR System

2:00 Chris Hopkinson, AGRG: Airborne vehicle positioning solutions

2:30 Refreshment Break – Sponsored by Annapolis Digby Development Association Agency

2:45 Eric Martin, Optech: Vehicle mounted positioning: POS/Lynx integration.

3:30 Jonathon Griffin, Canadian Hydrographic Service: Marine vehicle positioning solutions

4:30 Hockey at the Lawrencetown Youth Arena  
Ping-Pong tournament at COGS

6:30 Social hour at the MidValley Motel for CIG Symposium participants

7:30 Supper at the MidValley Motel for CIG Symposium participants

Day 2 Fri Feb 20, COGS AV Room

**Radar & Optical Satellite Mapping Solutions –**

9:00 Introduction

9:15 Stéphane Chalifoux, Canadian Space Agency: Radarsat – 2: Science and Operational Applications Research – Education

10:00 Refreshment Break – Sponsored by ESRI Canada – Halifax

10:15 Paul Adlakha, C-CORE: Satellite SAR for monitoring of critical infrastructure

11:00 John Roos, Digital Globe: High resolution optical satellites from Digital Globe

11:45 Lunch– COGS cafeteria – participants on their own

**Mapping Applications –**

1:00 Paul Mrstik, TerraPoint Canada: LiDAR Mobile Terrestrial and Airborne LiDAR Examples: Applications and Data Fusion

1:45 Chris Hopkinson, AGRG: LiDAR for applications in the Alpine Environment

2:15 Eric Martin, Optech: Mobile mapping applications with the Lynx (land & marine)

3:00 Refreshment Break – Sponsored by InGEOnuity - Business Incubation Centre

3:15 Tim Webster, AGRG: LIDAR for coastal zone applications

3:45 Tim Webster, CIG Regional Chair: Future CIG events: workshops, golf tournament....

4:00 Adjourn

