



CANADIAN PERMAFROST ASSOCIATION

ASSOCIATION CANADIENNE DU PERGÉLISOL

First Annual Conference and Business Meeting

October 10-12th, 2018

Room C1440 “Glass Room”
Yukon College, 500 College Drive

Wednesday October 10th

- 9:00-16:00 Electrical Resistivity Tomography (ERT) Workshop
 - Meet at the Yukon Research Centre Lab at 9:00 am. Please be prepared to be outside for several hours (overnight lows of -5°C right now).
 - To get the most out of the session, please bring a laptop with Res2dInv installed. Demo version available here – Red2dinvx64 - <https://www.geotomosoft.com/downloads.php>
 - A light lunch will be provided.
- 18:30-20:30 Evening ice-breaker at Hilltop Bistro (café on campus)

Thursday October 11th

- 9:00-9:15 **Conference Opening**
- 9:15-9:50 **Plenary 1**
“Landscape in Transition” - **Wayne Pollard, McGill University**
- 9:50-10:30 **Oral Session 1**
 - “Thermal State of permafrost in Southern Yukon”
- **Antoni Lewkowicz, University of Ottawa**
 - “Early Opening of the Mackenzie Valley and the Setting of Prominent Thaw Slumps of the Upper Keele and Redstone Basins” - **Duane Froese, University of Alberta**

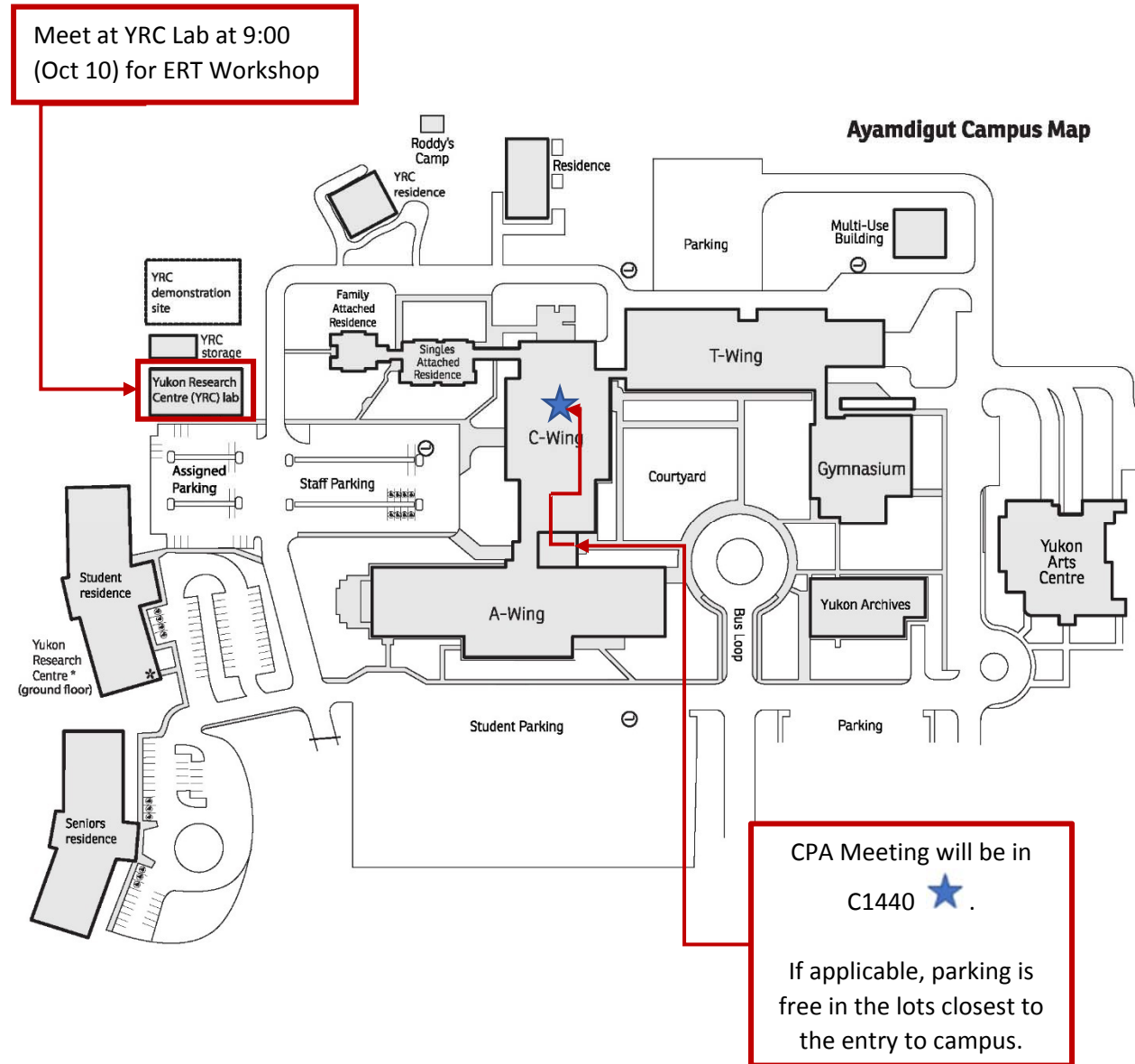
- 10:30-10:55 **Coffee**
- 10:55-12:15 **Oral Session 2**
 - “Erosion of Tabular Massive Ice at Peninsula Point, NWT”
- **Brian Moorman, University of Calgary**
 - “The Hydrothermal Regime of Stream Channels on the Tuktoyaktuk Coastlands and Anderson Plain”
- **Timothy Ensom, Wilfred Laurier University**
 - “DEW Line Sites Across the Canadian Arctic”
- **Ryley Beddoe, Royal Military College**
 - “Physical Modelling of Freeze-Thaw Cycles in a Column and in a Geotechnical Centrifuge” - **Patrick Nadeau, Royal Military College**
- 12:15-13:15 **Lunch**
- 13:15-13:50 **CPA Town Hall: Next Steps for the Association**
- 13:50-15:10 **Oral Session 3**
 - “A Decade of Airborne Lidar Ecosystem Change Monitoring in NWT Permafrost Landscapes” - **Chris Hopkinson, University of Lethbridge**
 - “Thawing Permafrost Impact on the Country Food Supply in Jean Marie River, NT: A Closer Look at Woodland Caribou” - **Fabrice Calmels, Yukon Research Centre**
 - “Permafrost degradation and disturbance: downstream mercury (Hg) transport and fluxes in changing High Arctic catchments” – **Scott Lamoureux, Queen’s University**
 - “Thermal stabilization of highway embankments” – **Guy Doré, Université Laval**
- 15:10-15:30 **Coffee**
- 15:30-17:30 **CPA Annual Meeting of Members**

Friday October 12th

- 9:00-9:45 **Plenary 2**
“Diavik Dike A21: Thermal Design and Initial Performance”
- **Lukas Arenson, BGC Engineering Inc.**
- 9:45-10:05 **Coffee**
- 10:05-11:45 **Oral Sessions 4**
 - “The proposed NSERC Permafrost Partnership Network for Canada”
- **Stephan Gruber, Carleton University**
 - “Current Permafrost Research Activities at the Geological Survey of Canada”
- **Peter Morse, Geological Survey of Canada**
 - “Transport Canada’s Northern Transportation Adaptation Initiative”
- **Jenna Craig, Transport Canada**
 - “Introduction to Canadian Centre for Climate Services”
- **Brian Sieben, Canadian Centre for Climate Services**
 - “Overview of Council of Yukon First Nations and the Climate Change Preparedness in the North and Climate Change Health Adaptation Funding Programs” - **Merran Smith, Council of Yukon First Nations**
- 11:45-12:00 **Closure of meeting**
- 12:00-16:30 **Lunch & afternoon local field-trip**

Key Locations

Find us at 500 College Drive (<https://goo.gl/maps/fwHZ9ekuby72>)



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