

# Association of Professional Archaeologists Technology & Archaeology Workshop

November 24<sup>th</sup>, 2012 at Wilfrid Laurier University

**GPS, New Technologies, Mapping** - Presentations by Ian Williams, Intelligence Division, Toronto Police Services; Bruce Davies and Brock Kingston, Cansel Toronto and William D. (Bill) Finlayson, This Land Archaeology Inc.

Ian Williams has worked as a GIS specialist for Statistics Canada and the Intelligence Division of Toronto Police Services. He has also worked with Finlayson for the past six years in developing GIS applications to archaeology. He will provide an overview of Geographic Information Systems Mapping in general. Bruce Davies and Brock Kingston of Cansel, Toronto will provide information on the use of Trimble D-GPS (Differential Geographic Positioning System) mapping and Faro 3D Scanning Trimble Mapping GIS Overview. Bill Finlayson will summarize his use of D-GPS units with sub-m and sub-cm accuracy and their integration with GIS mapping software in archaeological assessments in southern Ontario.



## Peering into the sands of time: using ground penetrating radar in archaeology -

Presented by Dr. Tony Endres, University of Waterloo.



Because of its ability to produce highly detailed images of the subsurface, ground penetrating radar (GPR) has received considerable interest for application to archaeological problems. However, the successful use of this technique is dependent on one's understanding of underlying science that governs GPR. This workshop will introduce the participants to the basic principles and limitations, as well as the potential uses, of GPR for archaeological applications. The aim will be to provide the basic knowledge so that professional archaeologists can have reasonable expectations for the use of this method.

## Modernizing Ontario's Archaeology Program

The Ministry of Tourism, Culture and Sport will present an update on the archaeology program and the modernization project that is currently underway. The presentation will include a brief introduction to changes to the new IT system to be launched in late 2012 and changes to the report review process. There will be an opportunity for attendees to ask questions of Ministry staff following the presentation.

**Registration Information - register on line at [www.apaontario.ca](http://www.apaontario.ca)**

Time: Workshops 9:00 to 12:30 and 1:30 to 4:00 with lunch 12:30 to 1:00 and APA AGM 1:00 to 1:30

Where: At the Paul Martin Centre, Wilfrid Laurier University.

Cost: APA Members: - \$30.00; Non-APA Members: \$45.00;

Special offer to Students who apply for APA Membership on or before the November 24th AGM - \$15!

Contact our Membership Director before you apply online to receive your Discount Coupon.

Registration fee covers the cost of the Workshops, Lunch and Coffee.

There is no cost to attend the APA AGM at 1:00 p.m. We hope you can join us!