XRF2011 Portable XRF Analyzer Workshop
Biological & Geological Science Bldg. Rm-0165
June 17, 2011

8:30 A.M.	Welcome (*Charlie Wu, University of Western Ontario)*
8:30 – 9:10 A.M.	Evolution of the Portable XRF Analyzer and its Early Challenges (*Bruce Kaiser, Bruker Elemental)*
9:10 – 10:00 A.M.	The Use of Filters in Optimizing Measurement of Various Elements in Different Matrices (*Bruce Kaiser, Bruker Elemental)*
10:00 – 10:20A.M.	Coffee/ Tea Break (@ B&G 1084)
10:20 - 11:00 A.M.	Secondary Targets and Light Elements (Z < 18) Analysis (*Bruce Kaiser, Bruker Elemental)*
11:00 – 11:40 A.M.	Analytical Objectives, Source of Errors and Error Reduction Methods (*David Mercuro, Thermo Niton)*
11:40 A.M.– 12:20 P.M.	Sample / Sampling Site Preparations relevant to In-situ Analysis (*Brendan Connors, Olympus Innov-X.)*
12:20 – 1:20 P.M.	Lunch (@ B&G 1084)
	Instrument Demonstrations
1:20 – 1:50 P.M.	Metal Alloy Identification and RoHS Compliance Testing (*Elemental Controls Ltd -Thermo Niton)*
1:50 – 2:20 P.M.	Environmental (Soil) Survey of Heavy Metals (*Olympus Innov-X)*
2:20 – 2:50 P.M.	Mineral Exploration and Geochemical Mapping *(Bruker Elemental)*
2:50 – 3:00 P.M.	Radiation Safety – Critical for Using Portable XRF Analyzer *(Charlie Wu, University of Western Ontario)*

3:00 – 3:20 P.M. Coffee/ Tea Break (@ B&G 1084)

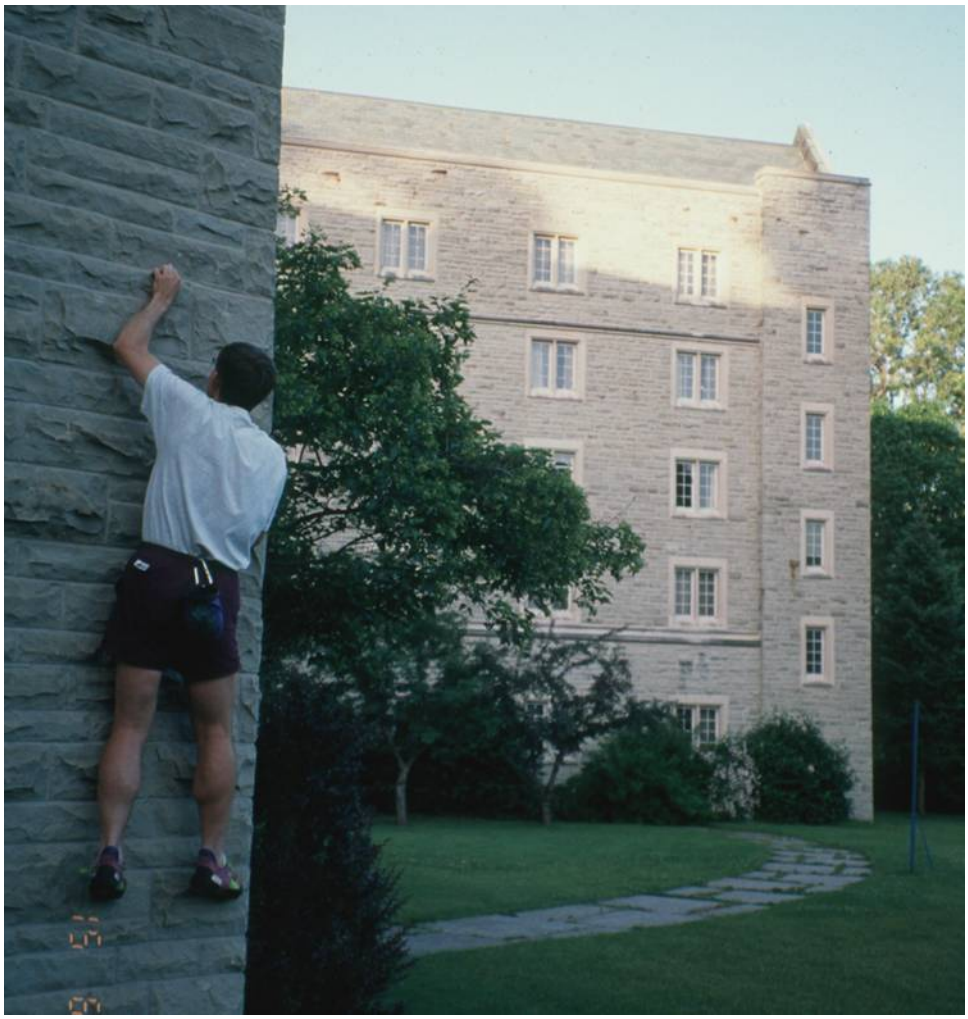
Hands-On Session

3:20 – 5:00 P.M. **Tuning Factory Calibrations for Your Own Applications**

Thermo Niton:	XL2 GOLDD
Olympus Innov-X:	DELTA
Burker-Elemental:	TURBO Mining

Case Study: Measuring University Building Stones

6:15 – 7:15 P.M. Dinner @ Elgin Hall Residence



With a Portable XRF Analyzer, it's possible to measure the composition of the building stone in-situ.