



Delta Photonics Canadian distributor of Analytical Instruments and Photonics products and Center for Self-Assembly Chemical Structures presents a workshop on FT-IR with:

Chief Technical Officer Dr. Henri Buijs from ABB

Dr. Buijs was one of the founders of Bomem, Quebec, in 1973 which is now part of ABB a worldwide leader in FT-IR spectrometers and analysers. He received the Barrenger Research Award from the Spectroscopy Society of Canada in 1978, the William Wright award from the Coblenz Society in the US in 1998 and the Prix Lionel Boulet, a Quebec prize in 2005. His scientific background is in Spectroscopy and Atmospheric Chemistry and Physics.

## Abstract

IR spectrometers have become increasingly sensitive over time. However, there are many IR analysis applications that are enabled not because of the sensitivity of the spectrometer but rather by the specific design of experiment. Some of the examples presented include some novel preconcentration techniques, double modulation techniques, maximizing information extraction, the use of the Canadian light source and other bright sources and techniques that minimize the effect of photon noise.

**Where:** McGill University (801 Sherbrooke St. West), Otto Maass, room 217

### Tentative Schedule: **22 February**

10:00 Introduction of Delta et ABB  
10:30 Dr. Henri Buijs presentation  
11:20 Other presentation to be confirm  
11:50 Lunch-Break  
12:20 Presentation of the spectrometer MB3000 and MB3600  
12:45 Demonstration  
13:00 Hand-on with the spectrometer with samples  
14:30 Greetings

### **MB3000 series**

