



Deep River Science Academy
“Your gateway to a career in science and engineering”

Canadian Nuclear Society / Société Nucléaire Canadienne

“Supporting nuclear science and technology for over 25 years”
“plus de 25 ans de promotion de la science et de la technologie nucléaires”

“The Business of Physics” or “How to Live Long and Prosper”

This presentation to the CNS for DRSA students will describe what it is like to work in science at a private company. The physics of gamma ray and neutron detection will be discussed and related to detector systems designed or built at Bubble Technology Industry (BTI) including: radiation sensors, a variety of spectrometers, dosimeters and even landmine detectors. In addition to an overview of BTI, addressing who we are, what we do and make, and who our customers are, there will also be a discussion of the other types of activities which BTI offers to its customers, such as radiation services and contract R&D.

The speaker is Dr. Ted Clifford, Principal Scientist at BTI and leader of the Electronics Design Group. Ted's background is in nuclear and particle physics; he worked at TRIUMF (1984-1988) and at AECL on the Sudbury Neutrino Observatory (1988-1990). Since joining Bubble Technology in 1990 he designed and implemented electronics and data collection systems for very high pulse rate gamma spectroscopy. He has been responsible for the design and implementation of portable detectors including γ , X , β and neutron spectrometers having a high degree of background suppression.



Ted Clifford
Principal Scientist
Bubble Technology Industries

Talk : 6:30 pm, Thursday July 16, 2009

Bennett / Mackenzie Room, J.L. Gray Centre
(Entry via rear security entrance)

Further information: Ragnar Dworschak at 584-8811 Ext. 44342, or Geoff Edwards at Ext. 43247