

The Lakehead University SEG Student Chapter
is pleased to offer a short course in



Geophysics for Geologists



September 22 & 23, 2014,
Masonic Hall, 1600 Dease St., Thunder Bay, Ontario



Alan King will be offering a short course in **Geophysics for Geologists**.

Monday September 22, 2014, 8:30 a.m. to 5:00 p.m.

Tuesday September 23, 2014, 8:30 a.m. to 5:00 p.m.

The course is a compressed version of a complete Applied Geophysics for Geologists course and is focused on, but not restricted to, mining exploration. The course is designed to teach the basics of geophysics based on most people's intuitive understanding of the physics of the world around them and give exploration geologists the tools and knowledge needed to demystify, understand, and apply geophysical methods. The course is built on people's intuitive understanding of everyday physical phenomena and is designed to give anybody a clear understanding of geophysics without a lot of equations. The course originated as a half year term, 40 hour course plus labs and has since been compressed with feedback and questions from various trainees to a 2 day course which has been used as an in house course at Inco and Vale as part of ongoing exploration training to various offices around the world. One of the gaps this course is designed to fill is the lack, in some earth science departments, of an applied geophysics course for exploration geologists as well as an update for those that studied geophysics as non-specialists in the past.

Alan received a B.Sc. in geology from the University of Toronto in 1976 and a M.Sc. in geophysics from Macquarie University in 1989.

From 1976 to 1984 he worked as a geophysicist in exploration and resource development in Canada and Australasia. In 1985 he joined GeoPhysiCon Co. Ltd. in Calgary Canada where he was involved in mining, geotechnical, oil sands and environmental applications for a variety of commodities. In 1990 he was employed by Inco Exploration and Technical Services Inc. as a senior geophysicist and in 1995 was promoted to Manager of Geophysics with responsibility for global exploration.

With the takeover of Inco by Vale in 2007 he moved to Brazil to assist with Vale's geophysical work in Brazil and moved back Canada in 2011. From 2009 to 2012 Alan was Chief Geophysicist for Vale Global Exploration working on geophysical applications for base metals, iron, manganese, coal and fertilizers (potash and phosphate) as well as target generation using regional and global data sets.

His professional interests include the use of geophysics and new technology (and ideas) in exploration, mining, environmental, geotechnical and other applications.

Registration Fees
(including coffee breaks, lunch and all course materials):

\$350 for Professionals / \$50 for students

Please complete the attached registration form and return it with your cheque (payable to Lakehead University SEG Student Chapter) to:

Lakehead University SEG Student Chapter
% Department of Geology
Lakehead University
CB 4064, 955 Oliver Rd.
Thunder Bay ON P7B 5E1 CANADA

Delegates are advised to confirm their attendance with payment as soon as possible to avoid disappointment.

For more information, contact either Pete Hollings (807-343-8329, peter.hollings@lakeheadu.ca)
Michael D'Angelo (madangel@lakeheadu.ca) or Emily Smyk (essmyk@lakeheadu.ca).

Lakehead University SEG Student Chapter
Geophysics for Geologists
September 22 & 23, 2014, Thunder Bay, Ontario

Registration Form

Name _____

Affiliation /

Address _____

Phone # _____

Fax # _____

Email _____