

Short Course on Rare-Metals: Geology, Mineralogy and Geochemistry

Saturday, March 5th, 9:00 AM to 5:00 PM
University of Western Ontario, London, Ontario
Biological and Geological Sciences Building, room 0165

Presented by Robert Linnen, University of Western Ontario,
Iain Samson, University of Windsor and Lee Groat, University of British Columbia

Registration 8:00-9:00

Introduction and Mineralogy 9:00-9:20 **R. Linnen**

Magmatic Processes 9:20-9:40 **R. Linnen**

Aqueous Geochemistry 9:40-10:00 **I. Samson**

Deposits in Peraluminous Settings 1: Granite-Hosted 10:00-10:20 **R. Linnen**

Coffee 10:20-10:40

Deposits in Peraluminous Settings 2: Pegmatite-Hosted 10:40-11:00 **R. Linnen**

Deposits in Peralkaline Settings 1: Kola and Gardar 11:00-11:20 **I. Samson**

Deposits in Peralkaline Settings 2: Canadian Examples 11:20-11:40 **I. Samson**

Deposits in Peralkaline Settings 3: Canadian Examples, continued 11:40-12:00 **I. Samson**

Lunch 12:00-1:00

REE in IOCG deposits 1:00-1:20 **I. Samson**

Carbonatites Global Deposits 1:20-1:40 **L. Groat**

Carbonatites Canadian Examples 1:40-2:00 **L. Groat**

Coffee 2:00-2:20

Exploration 1: Li-Ta 2:20-2:40 **R. Linnen**

Exploration 2: REE 2:40-3:00 **L. Groat**

Core Shack 3:00-5:00