

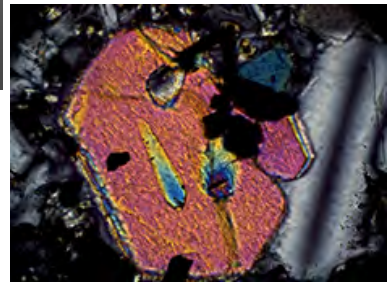


Optical Mineralogy

Mineralogical Association of Canada
Berry Summer School



Dates:	Sunday to Wednesday, May 25–28, 2014 After the GACMAC 2014 Joint Annual Meeting
Venue:	University of Ottawa, ON, Canada
Questions and Inquiries:	Jim Nicholls E-mail: jim.nicholls@shaw.ca
Prices:	Professional \$500, Students \$100 Prices include taxes
Registration deadline:	April 15, 2014 or until the course is filled
Registration:	Will occur through the Mineralogical Association website at http://www.mineralogicalassociation.ca



Vintage Technology, Novel Applications

The polarized light microscope (PLM) has been an important investigative instrument in the mineralogical sciences for nearly two centuries. In spite of its vintage, all its capabilities have not yet been realized. This Berry School will provide a time and place for graduate students, upper division undergraduate students, and professional geoscientists to learn how to use the instrument in traditional and novel applications. The school will cover the theory, practice, and application of the polarized light microscope to problems of interpretation of the origin and development of minerals as revealed in thin sections, polished sections, aggregates, and single crystals.

Background Requirements

An undergraduate knowledge of crystallography and mineralogy is necessary. Priority will given to graduate and upper division undergraduate students.

Enrollment is limited to 20 by the number of Olympus BX41 polarized light microscopes available.

Main Sponsors



Mineralogical Association of Canada



Mineralogical Society of America

Lab and microscope usage will be graciously provided by [University of Ottawa](#)

Instructors

- A. Fowler, U. of Ottawa
- M. Gunter, U. of Idaho
- A. McDonald, Laurentian U
- W. Nesse, U. of Northern Colorado
- J. Nicholls, U. of Calgary
- D. Tinkham, Laurentian U

Course Content

- Principles and Practice of Optical Mineralogy, Transmitted Light
- Principles and Practice of Optical Mineralogy, Reflected Light
- Single Crystal Techniques
- Orientation of Crystals in Thin Section
- Textures of Igneous Rocks
- Mineralogy of Metamorphic Rocks
- Mineralogy of Igneous Rocks
- Ore Mineralogy



Coffee breaks will be provided during the 4 days

Sponsored by **OLYMPUS**



Organizer:

Mineralogical Association of Canada

490, de la Couronne, Québec, QC, Canada G1K 9A9

E-mail: office@mineralogicalassociation.ca—Tel. : (418) 653-0333 fax: (418) 653-0777

www.mineralogicalassociation.ca