



OPTICAL TECHNIQUES WORKSHOP

Basics of Polarized Light Microscopy

Presented by:

Midwest Microscopy and Microanalysis Society

A local affiliate of the Microscopy Society of America

and the Microbeam Analysis Society

Thursday, May 28, 2009

**College of Microscopy, The McCrone
Group**

Westmont, IL

Map and directions:

<http://www.collegeofmicroscopy.com/area/>

Space will be limited.
Please RSVP by Wednesday, May 20.
Email your contact information to:

Elaine Schumacher
eschumacher@mccrone.com

(Tel: 630-887-7100)

Onsite Registration Fee: \$20.00 for MMMS members, \$40.00 for non-members, \$10.00 for students (MMMS membership included in fee). Lunch is included.

We welcome vendor participation. Tables for literature and exhibits will be available. Please contact us for details.

8:00 am to 9:00 am Setup and registration, Atrium and Café

9:00 am to 9:15 am Welcome and opening remarks, Auditorium

9:15 am to 9:45 am **Daniel Kile, College of Microscopy**, Development of the Petrographic Microscope and its Impact on Advances in the Geological Sciences

9:45 am to 10:15 am **John Gustav Delly, College of Microscopy**, Overview of Polarized Light Microscopy

10:15 am to 10:45 am Break, Café

10:45 am to 12:15 pm Three 30-minute demonstrations illustrating characterization of materials using polarized light microscopy:

Scott Stoeffler, McCrone Associates, Fibers

Daniel Kile, College of Microscopy, Geological specimens

Joseph Barabe, McCrone Associates, Pigments

12:15 pm to 1:15 pm Lunch, Café

1:15 pm to 4:30 pm: Hands-On PLM Workshop, led by **John Delly and Daniel Kile**. McCrone Associates cleanroom microscopists **Linda O'Hara and Bianca Vigil** will assist.

There will be a 20-minute afternoon break. A tour of the McCrone Associates laboratory will be offered following the workshop.