



## 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.