



OPTICAL TECHNIQUES WORKSHOP

Optical and Microspectroscopic Analysis of Cross-Sectioned Materials

Presented by:

Midwest Microscopy and Microanalysis Society
A local affiliate of the Microscopy Society of America

Wednesday, June 11, 2008

College of Microscopy, The McCrone Group
850 Pasquinelli Drive
Westmont, IL 60559
Map and directions:
<http://www.collegeofmicroscopy.com/area/>

Onsite Registration Fee: Free to MMMS members, \$20.00 for non-members, \$10.00 for students (MMMS membership included in fee). Lunch will be provided.

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

[Space may be limited.](#)
[Please RSVP by Wednesday, June 4.](#)

Email your contact information to:

Elaine Schumacher
eschumacher@mccrone.com

(Tel: 630-887-7100)

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

9:00 am to 9:10 am Welcome and opening remarks, Auditorium

9:10 am to 9:50 am Petrographic Characterization of Coal - Professor John C. Crelling, Department of Geology, Southern Illinois University

9:50 am to 10:10 am Particle Techniques for Analysis of Paint Cross-Sections – Dr. Joseph Swider, McCrone Associates

10:10 am to 10:30 am Break, Cafe

10:30 am to 11:10 am Microspectroscopic Analysis of Cross-Sectioned Materials (Raman and FTIR) – Tim Prusnick, Renishaw

11:10 am to 11:30 am A Microscopical Examination of Exotic Animal Hairs – Kristen Partin, McCrone Associates

11:30 am to 11:50 am Amateur Microscopy – Glenn Shipley, Ph.D., MT(ASCP)

11:50 am to 12:00 pm Overview of the Midwest Microscopy and Microanalysis Society, Dr. Alan Nicholls, University of Illinois at Chicago, President, M3S

12:00 pm to 1:15 pm Lunch, Cafe

1:15 pm to 4:30 pm Two 1.5 hour long workshops, with a mid-afternoon break. A tour of the McCrone Associates laboratory will be offered following the workshops.

Renishaw microspectroscopy instrumentation demonstration

Hair Microscopy Workshop – Hands-on instruction on preparation and microscopical examination of hair samples, including cross-sectioning, a technique applicable to a wide variety of materials.