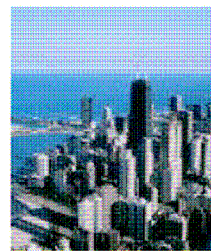
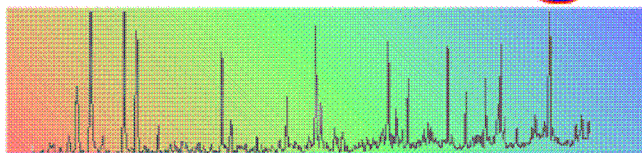




# SAS-Chicago



Presents a Workshop

## Infrared and Raman Micro-Spectroscopy

Wednesday, May 20, 2009 at The McCrone Group  
850 Pasquinelli Drive, Westmont, IL

- 8:30 am Workshop Registration
- 9:00 am **Look Before You Leap – Stereomicroscopy for Vibrational Spectroscopy**  
**Sample Preparation**  
Gretchen Shearer, Ph.D., *McCrone Associates, Inc.*
- 9:35 am **Chemical Imaging with Fourier Transform Infrared Microscopy**  
Rohit Bhargava, Ph.D., *University of Illinois at Urbana-., Champaign*
- 10:10 am Break & visit vendors
- 10:40 am **Analysis of Particulate Matter by Microscopy and Micro-Spectroscopic Techniques**  
Kirk Ashline, *Baxter Healthcare Corporation*
- 11:15 am **Forensic Applications of FTIR spectroscopy**  
William Chapin, *McCrone Associates, Inc.*
- 11:55 am Lunch (provided) & visit Vendors
- 1:00 pm **Surface-Enhanced Raman Spectroscopy for the Detection of Artist Dyestuffs**  
Christa Brosseau, Ph.D., *Northwestern University*
- 1:35 pm **Heavy as Stone; Light as Paper: Versatile Applications of Microspectroscopy in a Museum Context**  
Francesca Casadio, Ph.D., *The Art Institute of Chicago*
- 2:10 pm Break & visit Vendors
- 2:40 pm **Analysis of Multi-Layered Laminates Using ATR Imaging**  
Louis G. Tisinger, Ph.D., *PerkinElmer LAS*
- 3:15 pm **Applications of Raman Microscopy in Materials Analysis**  
Kenneth J. Smith, Ph.D., *Thermo Fisher Scientific*
- 3:50 pm Q&A Closing

A workbook of the presentation slides will be provided to all attendees.

For more information go to [www.sas-chicago.org](http://www.sas-chicago.org)

## 2009 Chicago SAS Workshop Registration Form

# Infrared and Raman Micro-Spectroscopy

**Return to:** James M. Julian [jamesmiulian@comcast.net](mailto:jamesmiulian@comcast.net)  
or Phil McKittrick [ptmckittrick@nalco.com](mailto:ptmckittrick@nalco.com); fax: (630) 305-2921  
or Kate Martin [kmartin@mccrone.com](mailto:kmartin@mccrone.com); fax: (630) 887-7417

**Registration:** Pre-registration only. Seating is limited and there will be NO registration on the day of the workshop.

**Registration deadline:** **May 15, 2009.**

**Fee:** Fee for the workshop is \$100.00 per attendee (members or nonmembers). Fee for full time college students is \$30.00. Fee includes lunch, break refreshments and workbook.

Checks, MasterCard or Visa are accepted. Check should be payable to *The Chicago Section of SAS*.

Please reserve \_\_\_\_\_ place(s) at the Infrared and Raman Micro-Spectroscopy Workshop @ \$100.00 per attendee / \$30.00 per student.

MasterCard or Visa: Credit Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

Affiliation \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_ State/Zip \_\_\_\_\_

E-mail \_\_\_\_\_

For all questions or additional information regarding the workshop details go to [www.sas-chicago.org](http://www.sas-chicago.org)

or contact: Kate Martin (630) 887-7100 or [kmartin@mccrone.com](mailto:kmartin@mccrone.com)

Phil McKittrick (630) 305-1504 or [ptmckittrick@nalco.com](mailto:ptmckittrick@nalco.com)

## Directions:

From I-294 - Exit onto Ogden Avenue west (Rte. 34). Drive 2 miles west, and immediately after Rte. 83, at the second set of lights, turn right onto Pasquinelli Drive. McCrone Associates is on the left hand side, 850 Pasquinelli Dr., 0.6 miles north of Ogden Avenue.

From I-55 – Exit onto Rte. 83 northbound (Kingery Hwy.) Drive 5 miles north to Ogden Avenue. Go west on Ogden (turn right). Then, at the second set of lights after the underpass, turn right onto Pasquinelli Drive. McCrone Associates is on the left hand side, 850 Pasquinelli Dr., 0.6 miles north of Ogden Avenue.

From I-88 (west) – Exit onto Highland Ave. southbound. Left onto 31<sup>st</sup> Street. Follow for 2.8 miles to Route 83 south. Right turn on to Rte. 83 (Kingery Hwy.) follow for 0.8 miles, turn right at the next exit (Oakmont Lane). At the stop sign, turn left onto Pasquinelli Drive. McCrone Associates is 1 block south, on the right.

From I-290 (Chicago) - Take the Eisenhower Expressway (I-290) west about 20 miles. Follow the signs for Roosevelt Road (center lane when at the split in Hillside). Exit onto Roosevelt; drive west about 2 miles. Exit Route 83 south. After 31st Street, turn right at the next exit (Oakmont Lane). At the stop sign, turn left onto Pasquinelli Drive. McCrone Associates is 1 block south, on the right.

## Lodging:

Special rates are available at the Club House Inn about a quarter mile from McCrone. Contact them at (630) 920-2200 and request the McCrone College of Microscopy rate of \$79.00 a night plus tax. Go to [westmont.clubhouseinn.com/location.php](http://westmont.clubhouseinn.com/location.php) for directions.

### Hotels

- 1 Homestead Village  
630-323-9292
- 2 Club House Inn  
630-920-2200
- 3 Holiday Inn  
630-325-6400
- 4 Oak Brooks Hills  
630-850-5555
- 5 Embassy Suites  
630-969-7500
- 6 Marriott  
630-573-8555
- 7 Hyatt/Oak Brook  
630-573-1234
- 8 Best Western  
630-323-1515



## Parking:

Ample free parking is available at The McCrone Group.