



SOCIETY FOR APPLIED SPECTROSCOPY

CHICAGO SECTION

A Workshop on Infrared Spectroscopy Fundamentals of Infrared Sampling Techniques

Sponsored by the Society for Applied Spectroscopy Chicago Section

Date: Tuesday, May 11, 2004

Location: Holiday Inn / Rolling Meadows, Illinois

Time: 8:30 AM - 4:00 PM

This workshop will focus on basic FT-IR and NIR sample preparation and analysis techniques that are employed in most laboratories today. Three morning presentations will concentrate on the fundamentals of ATR, diffuse reflectance, transmission, and near infrared (NIR) techniques. The emphasis will be on the basic aspects of these techniques: what is important in getting your sample ready for analysis, instrument parameters and suggestions for getting the best quality spectra, which techniques are appropriate for your samples, etc.

The afternoon session of the workshop will include actual demonstrations of the techniques described by the speakers and an opportunity for hands-on instruction for each of the participants. Accessories from a variety of vendors will be on display.

Program

<u>Time</u>	<u>Speaker Affiliation</u>	<u>Topic</u>
8:30 - 9:00 AM	Check-In / Continental Breakfast	
9:00 - 10:00	Michael Bradley <i>Thermo Electron Corporation</i>	"Fundamentals of FT-IR Analysis and ATR"
10:00 - 10:15	<u>Break</u>	
10:15 - 11:15	Steve Bouffard <i>PerkinElmer</i>	"Comparison of FT-IR Transmission Techniques with Modern NIR Analysis"
11:15 - 12:15	Ed Pankau <i>Digilab</i>	"Fundamentals of FT-IR Diffuse Reflectance Techniques"
12:15 - 1:30	<u>Lunch / Provided</u>	
1:30 - 4:00 PM	<ul style="list-style-type: none"> - Display of Instrumentation from each Vendor including accessories - Demonstration of the techniques described in the morning session - Hands-on operation for workshop participants 	

Return to: Carol Snider, Silliker Labs, 1922 Evergreen Road, Homewood, Illinois 60430

Registration: Pre-registration only. There will be NO registration on the day of the workshop. **Registration deadline: May 4, 2004.**

Workshop registration for full time college students will be **\$ 30.00**. Students should contact Carol Snider at (708) 756 - 3210 for student registration details. For all questions or additional information regarding the workshop details, contact: James Julian (847) 468-7740.

Please reserve _____ place(s) at the **Workshop on IR Techniques @ \$ 100.00** per attendee

Workshop Registration Fee - **\$100.00** check should be payable to **The Chicago Section of SAS.**

Master Card or Visa: Name on Credit Card, Credit Card Number: _____ Expiration Date _____

Name _____ **Title** _____

Affiliation _____ **Phone No** _____ **Email** _____

Address _____ **State/Zip** _____