

CRAIC Technologies would like to cordially invite you to an informative workshop about UV-Visible-NIR microspectroscopy. Participation is free of charge and lunch will be provided, but space is limited. We kindly ask you to send your reservation to dehua.yang@microspectra.com. If you have any questions, please contact Dehua Yang at 952-334-5486 or Saya Yamaguchi at 310-573-8180 .

Location: Northwestern University, Room PANCOE 1401
 When: April 8, 2009, 9:00 AM - 12:00 PM

Cutting Edge UV-Visible-NIR Microspectroscopy

By Dr. Paul Martin

Learn about UV-Visible-NIR microspectroscopy and its applications in cutting edge research. This talk discusses instrument design, interpretation of spectra and how UV-Visible-NIR microspectrophotometry is used in **nanomaterial**, **protein crystal**, **biological**, **OLED**, **semiconductor**, and **thin film thickness** research and production. The talk also discusses advances in UV and NIR microscopy and imaging.



Spectral Analysis of Microcrystals, Glass Fragments and Gemstones

By Dr. Dehua Yang

This talk will discuss how **microcrystalline materials**, **gemstones** and **glass fragments** can be analyzed using a microspectrophotometer. It includes results from the microspectral analysis of crystals, gemstones and glasses. The seminar will describe a new technique developed to overcome the difficulties of faceting, irregular surfaces and changes in refractive index common to these types of samples.

Instrument demonstrations will be held in Room Tech FG84.

Name

Phone Number

Company/University

Email

Department

Address

Position

City, State, Zip

Instrument Demostration:	1:00 -2:00 PM	2:00 - 3:00 PM	3:00 - 4:00 PM
Lunch Type:	Regular	Vegetarian	