

DISTINCTLY BETTER MOLECULAR SPEC

FTIR Chemical Imaging & Step-Scan applications Workshop

ICAVS-6

Location:

Doubletree Hotel
Sonoma Wine Country
Sonoma & Santa Rosa rooms
One DoubleTree Drive
Rohnert Park, CA 94928 USA

Date: Sunday, June 12th

Agilent welcomes you to participate in our FREE workshop on FTIR Chemical Imaging and Step-Scan techniques.

The workshop will feature talks by Agilent Application Engineers, Product Specialists, and leading academics in the field of infra-red imaging and time-resolved measurements. In addition we will be offering hands-on sessions to demonstrate the capabilities of our FTIR systems where attendees can run their own samples!

Please register today!

Program:

- 11:00 **Welcome from Agilent Technologies**
Jonah Kirkwood, PhD – FTIR Product Marketing Manager, Agilent Technologies
- 11:15 **Principles & Applications of FTIR Chemical Imaging**
Lou Tisinger, PhD – FTIR Application Engineer, Agilent Technologies
- 11:45 **Internal Reflection IR Imaging (IRIRI) of Smart Materials; Current Advances and Future Trends**
Prof. Marek Urban – Director and Professor School of Polymers and High Performance Materials, University of Southern Mississippi
- 12:15 Coffee break
- 12:30 **Integrated Solutions to Biomedical Problems using Infrared Spectroscopic Imaging and Recent Theoretical Advances**
Prof. Rohit Bhargava - Department of Bioengineering, Department of Electrical and Computer Engineering, and the Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign, Urbana, Illinois
- 1:15 **Chemical imaging demonstrations and hands-on sessions**
- 1:45 Lunch break (Light refreshments served)
- 2:15 **Principles & Applications of Step-Scan FTIR Spectroscopy**
Chris Colley, PhD - FTIR & Raman Product Specialist, Agilent Technologies Australia
- 2:45 **Using Fast Time-Resolved IR Spectroscopy to Obtain Structural and Dynamic Information**
Prof. Mike George - School of Chemistry, University of Nottingham, UK
- 3:15 Coffee Break
- 3:30 **Principles & Applications of Photoacoustic Spectroscopy (PAS)**
Frank Weston, MSc - FTIR Applications Engineer, Agilent Technologies
- 4:00 **Photoacoustic FTIR Depth Profiling; Old Story for Emerging Nano-Technologies** Prof. Marek Urban - Director and Professor, School of Polymers and High Performance Materials, University of Southern Mississippi
- 4:30 Step-Scan TRS & PAS demonstration and hands-on sessions

For more information on and registration for the workshop please visit:

www.icavs6.org/workshops

For more information on and registration for the ICAVS6 conference please visit:

www.icavs6.org/home

For a full library of application notes and information regarding Agilent FTIR techniques and technology, please visit:

www.chem.agilent.com/en-US/Products/instruments/molecularspectroscopy/pages/default.aspx