



Invitation

WORKSHOP: Infrared and Raman tools for measurement of chemical and physical properties - Seeing is believing!

DATE:

Sunday, July 12, 2015
12.00 - 5 o'clock

VENUE:

Freihaus building of the Vienna University of Technology
Lecture Hall HS 3 Vienna, Austria

WHO SHOULD ATTEND

Detailed theoretical and practical knowledge on IR and Raman Spectroscopy is conveyed in our workshop during IVAVS-8, enabling you to conduct qualified measurements and to interpret measuring data. This workshop will benefit beginners, intermediate or professional IR and Raman Spectroscopy users in research and development, or quality control.

SPEAKERS

IR and Raman Specialists

LANGUAGE

English

FEE:

Free of charge

Molecular Spectroscopy

Accurate and reproducible data from meaningful FT-IR, NIR, NMR or Raman and UV-Vis analyses requires basic understanding as well as application know-how. Let Thermo Scientific™ instrument and software systems show you how easy it is to generate reliable answers for your research or work environment.

Our practical Application Days will refresh or enhance your molecular spectroscopy knowledge. You will be able to better analyze and optimize your products and workflows, which are the foundation for developing innovative applications.

Please find enclosed detailed information on our upcoming Application Day.

We look forward to seeing you at one of our events!



FT-IR Spectroscopy

Get answers quickly and easily — with maximum confidence — using our FT-IR instruments. You can't rely on guesswork and using confirmatory techniques requires time. Shorter analytical cycles allow process improvements, fast assurance and enhanced profitability. By developing the easiest, most efficient FT-IR software available, we've made FT-IR accessible to more of your staff, creating efficiencies and lowering overhead.

NMR Spectroscopy

Experience the convenience of high-resolution, nuclear magnetic resonance (NMR) spectroscopy with a compact, affordable Thermo Scientific™ picoSpin™ NMR spectrometer. Teach chemical structure analysis or assess your manufacturing yields with NMR technology that only requires injecting 30-40 µL of undiluted sample. Stop waiting in line to use the NMR facilities and enjoy the progress that only personal NMR can offer for your research, teaching or process applications.



NIR Spectroscopy

Optimize your processes, increase manufacturing efficiency and lower production costs with our rugged and reliable near-infrared (NIR) analyzers. Offering lab, plant and field systems, our NIR analyzers provide flexibility and real-time analysis for quality assurance and process monitoring.

Raman Spectroscopy

Our complete line of Raman microscopes and spectrometers for researchers and investigators combine top performance and best-in-class usability. Every day, people are turning to Raman spectroscopy because of its analytical power, but usability and reliability determine its potential for a user. Our image-centric software helps both the novice and the expert spectroscopist leverage the identification power of Raman for materials research, drug development, cancer diagnostics and forensic investigations.



UV-Vis Spectroscopy

Quantify and assess the purity of your sample with our complete line of UV-Vis spectrophotometers. Go from simple, routine applications to sophisticated, customized analyses with easy-to-follow software and everyday reliability. From innovative microvolume instruments for life scientists, to breakthrough, solid sampling accessories for high-end materials research, no matter the sample type, size or form, we have the UV-Vis instrumentation to meet your analytical needs.

Invitation

We cordially invite you to our Application Day that is suitable for experts and novices. In addition to focused lectures, our experts will answer your questions and provide detailed insight into the features and benefits of our instruments, focusing on practical applications and topics.

Agenda

- 12.15 Welcome
Judith Hähnlein, Thermo Fisher Scientific, Sales Manager Central Europe
Molecular Spectroscopy & Material Characterization
- 12.30 Raman? Infrared? Or Both?
Bruno J. Beccard, Thermo Fisher Scientific, FTIR & Raman Product Specialist
- 12.50 Run for photons or stop and wait for them?
David Drapcho, Ph. D., Thermo Fisher Scientific, Marketing Manager Research FTIR
- 13.10 How thin is the surface ?
Bruno J. Beccard, Thermo Fisher Scientific, FTIR & Raman Product Specialist
- 13.30 MAIRS - Multiple Angle Incident Resolution Spectroscopy
David Drapcho, Ph. D., Thermo Fisher Scientific, Marketing Manager Research FTIR
- 13.45 Coffee Break
- 14.00 Application of SERS to the determination of butylated hydroxyanisole in edible and essential oils
Massimiliano Rocchia, PhD, Thermo Fisher Scientific, Raman Business Development Manager Western Europe
14. 15 Introduction of the New Imaging Raman microscope DXRxi and recent applications in Material and Life Science
Massimiliano Rocchia, PhD, Thermo Fisher Scientific, Raman Business Development Manager Western Europe
- 14.45 Round-up, Questions & Answers
- 15.00 Hands on Session
- 16.30 End

Complimentary refreshments will be provided

Your Thermo Fisher Scientific Contact:

Please register via our online registration form at

www.thermoscientific.com/ICAVS

or fill in the form on the right and send it to

AustriaEvents@thermofisher.com

Let us know if you have any questions in advance.

I herewith sign up for the application day:

Last Name

First Name

Street

ZIP County

E-mail

Telephone

Fax

.....
Signature



Our experience and application support, combined with our comprehensive line of instruments and software, helps scientists and manufacturers improve product quality and efficiency while reducing raw material waste and process cycle times.

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