



PHYSICAL ELECTRONICS GMBH

NanoX-Perience IR+RAMAN

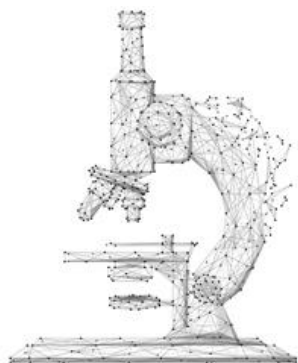
Simultaneous Submicron IR and Raman Microscopy
Achieve submicron IR spatial resolution in non-contact reflection mode

Focus:

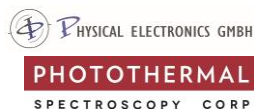
Overcome the IR diffraction limit with an innovative technique, Optical Photothermal Infrared (O-PTIR) spectroscopy

Date: **November 27th; 2019**

Venue: 85622 Feldkirchen bei München, Salzstraße 8
Physical Electronics GmbH



Host Physical Electronics GmbH in Cooperation with
Photothermal Spectroscopy Corp.



The seminar is free of charge, including catering and information material. All participants must be registered to participate.

Registration by e-mail: szauzig@phi-europe.com

Registration until 11.11.2019

Name

Company, Institute; University

Department/Position

Street

Postcode; City

Tel./Fax

E-Mail

The Privacy Policy <https://phi-gmbh.eu/privacy-policy/>
I have taken note.

Storage of data

Yes, I hereby confirm that Physical Electronics GmbH may electronically store my personal data in accordance with the data protection basic regulation and in accordance with the country-specific data protection regulations applicable to us. Data will not be passed on to third parties.

Date, Signature

Agenda of the day:

09:00 Registration

09:15 Welcome and Introduction

09:30 O-PTIR: Beyond the limits of traditional IR microscopy

10:00 Discover IR+Raman: Simultaneous submicron IR and Raman microscopy

11:00 Coffee break

11:20 Performance mIRage

12:00 Lunch (buffet)

13:00 Practical Part: **First time live in Germany**
Demonstration mIRage including measurement

14:15 Coffee break

14:45 Application example

15:30 Summary: Test measurement voucher & feedback

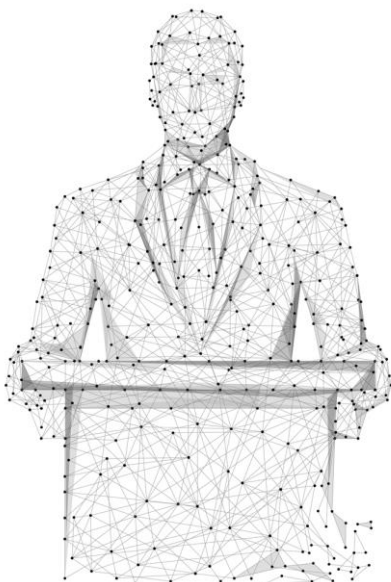
15:35 Coffee break + possibility for discussion of your individual questions

16:15 End of the seminar

New experiences + exchange of experiences

- ❖ Learn more about the Optical Photothermal Infrared (O-PTIR) spectroscopy
- ❖ Learn more about the application possibilities of the mIRage microscope.
- ❖ Get to know Physical Electronics GmbH as your partner for nanoanalytical challenges
- ❖ Take advantage of the opportunity for networking and knowledge sharing

The world's first simultaneous IRaman (IR-Raman) microscopy system is a unique dual modality platform that combines all the advantages of O-PTIR with complementary Raman microscopy via simultaneous detection of the visible probe laser.



Contact information:

Registration for the free seminar including test measurement voucher for new customers, Catering during the seminar as well as documents on the subject area. Please send your registration by e-mail, by post, telephone or fax:

Physical Electronics GmbH
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URL www.phi-gmbh.eu

Do you have questions?
Mrs. Zauzig will be happy to assist you.
The number of participants is limited to 24, we therefore ask you to register in good time.
Unfortunately, you cannot participate?
We will be happy to send you information material about alternative dates.



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mIRage overcomes the two biggest problems in FTIR spectroscopy:

Resolution and Sample Preparation



mIRage

IR+Raman

Same time.
Same spot.
Same resolution.

