

NanoX-Perience **IR+R**aman

Physical Electronics GmbH- Feldkirchen, Wednesday November 27th, 2019 for the very first time there was the possibility to see the mIRage live in Germany! The mIRage a submicron simultaneous IR & Raman Microscope was presented to the German-speaking world during the NanoX-Perience IR /Raman Seminar. The demand for this unique technology was very high.

The main speaker Dr. Mustafa Kansiz, Director of Product Management from Photothermal Spectroscopy Cooperation, the Californian manufacturer of the mIRage, presented the special features of the O-PTIR technology beyond the limits of traditional IR microscopy to the participants. The “Remote controlled” session on the agenda was the highlight of the day. Dr. Kansiz switched from the conference room with an internet connection to the mIRage and was able to demonstrate live measurements to all participants. A fast and easy to use non-contact optical technique is changing the field of IR spectroscopy.



Same time. Same spot. Same resolution.

The world’s first simultaneous 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. Now you achieve submicron IR spatial resolution in non-contact reflection mode. Spectra, line scans and 2D maps can now be collected from the same spot at the same time, opening up new research opportunities and a more thorough characterization of your sample. Dr. Kansiz showed the hardware and demonstrated the incredible bandwidth and possibilities of this optical photothermal technology in various applications.

Physical Electronics GmbH thanks again all participants and our partner Photothermal Spectroscopy Cooperation and is looking forward to welcoming you soon.

The next NanoX-Perience will take place on December 18, 2019. The next NanoX-Pert will take place on April 22, 2020.



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