



VIAVI

VIAVI Solutions

MicroNIR™ Academy

March 27th—29th, 2019

\$2,000 (Before VAT for 3-day training)

VIAMI Solutions

VIAMI Solutions Optical Security and Performance Products (OSP) segment is a global leader in the management of light, renowned for our expertise in optical thin film coatings. Built upon proprietary VIAMI Solutions Linear Variable Filter Technology, the MicroNIR™ family of spectrometers are fully integrated, ultra-compact NIR sensors.

MicroNIR™ Product Family

The MicroNIR family of spectrometers are the next generation ultra-compact, near-infrared spectrometer sensors and analyzers solving customer needs across multiple industries. The MicroNIR spectrometer's cost-effectiveness, exceptional performance, and ease of use have allowed for wide adoption and greater flexibility in installation and scalability of near-infrared spectroscopy solutions. Data and information about processes or materials can be obtained from a network of operations or locations, and used to continually optimize and improve the process, enabling smarter factories and farms.

Our Experience at Your Service

Cristina Malegori currently holds a post-doc fellowship at the University of Genova. Her research activity is focused on NIR spectroscopy coupled with multivariate data analysis, with the goal of extracting useful information from fingerprint data. With her background in food science and technology, she mainly applies NIR spectroscopy, hyperspectral imaging and portable devices.

Emiliano Genorini has a degree in chemistry with specialization in analytical chemistry of environmental pollutants. He has worked for a number of top brand instrumentation companies and has more than 20 years in NIR spectroscopy, acquiring extensive experience in pharma and food markets. Since 2003 he has been working as contract professor of chemometry at the University of Milano and Pavia.

Audience and Training Goals

This training is intended for engineers, managers, and support staff interested in using NIR spectroscopy to solve their process and material identification problems. It is designed to enable MicroNIR customers to use full potentiality of NIR and especially of MicroNIR during their daily activities. During the 3 days we will cover both theoretical and application aspects, including deep training on MicroNIR Pro 3.0 software and practical sessions. Main topics are:

- NIR Theory
- Design of experiments
- Principal Component Analysis & cluster analysis
- Qualitative analysis (DA, SIMCA; SVM, etc)
- Basic software operations
- Data analysis
- MBS and PCA on line
- PLS for quantitative analysis
- Realtime measurements
- Audit trail and compliance mode
- OPC DA/UA communication

Academy Information

Training sessions will be held in the VIAMI Solutions office in via Cernuschi 8, 20090 Monza MB, Italy.

We suggest accommodations at:

Monza (7-10 minutes walking distance)

Antica Trattoria Dell'Uva, Piazza Carrobiolo, 2

Hotel Royal Falcone, Corso Milano, 5

Hotel Karol, Via Cortelona, 8

Price \$2,000 before VAT for 3-day training. Deadline for registration March 11th, 2019.

For more information and to register, please email or call our offices.



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