

MicroNIR Academy

Process Spectrometer

November 4-5, 2025

€1,000 (Before VAT for 2-day training)

VIAVI Solutions

VIAVI 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 VIAVI 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

Eleonora Mustorgi, achieved a PhD in the research group of analytical chemistry and chemometrics in the University of Genova. Her activity was focused on the development of innovative approaches based on NIR spectroscopy (benchtop and portable devices) and chemometric strategies for quality control and process monitoring. From May 2022 Eleonora is appointed as MicroNIR field application specialist at VIAVI.

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 worked more than 20 years in NIR spectroscopy, acquiring extensive experience in pharma and food markets. From 2003 to 2017 he was working as contract Professor of Chemometric at the University of Milano and Pavia.



Audience and Training Goals

This training is intended for engineers, managers, and support staff interested in using Process NIR spectroscopy to solve their process and material identification problems. It is designed to enable MicroNIR customers to use the full potential of NIR, and especially MicroNIR, during their daily activities.

During the two-day training we will cover both theoretical and application aspects, including in depth training on MicroNIR Pro 3.2 software and practical sessions.

- NIR Theory
- Hardware introduction
- MicroNIR Pro SW overview
- Sampling and Experimental Design for Real-Time Monitoring
- Principal Component Analysis
- Moving Block Standard Deviation
- PLS for quantitative analysis
- Main NIR applications: Pharma, Agrifood and Chemical case-studies
- MOPC DA|UA

Academy Information

- Training sessions will be held at:
VIAVI Solutions
Via Enrico Cernuschi 8,
Monza - 20900, Italia
- Price €1,000 before VAT for 2-day training (includes lunch, coffee/refreshment break)
- Deadline for registration October 10, 2025. [Click here to register.](#)
- Limited seats available