

# MicroNIR™ Process Spectrometer Academy Agenda

**November 4-5, 2025**

Central Summer European Time	04 November 2025	05 November 2025
09:00 – 09:30	Introduction and Presentation of the Participants	NIRS for process Monitoring Golden Batch - MBSD
09:30 – 10:30	Fundamentals of Near-Infrared Spectroscopy	<b>HANDS-ON SESSION:</b> PCA and MB
10:30 – 11:00	<b>Coffee Break</b>	
11:00 – 12:00	Introduction to MicroNIR PAT sensors	NIRS for quantification: PLS
12:00-12:30	Sampling and Experimental Design for Real-Time Monitoring	<b>HANDS-ON SESSION:</b> PLS
12:30 – 14:00	<b>Lunch Time</b>	
14:00 – 15:00	<b>SOFTWARE TRAINING:</b> Installation and Software Environment	Main NIR applications: Pharma, Agrifood and Chemical case-studies
15:00 – 15:30	How to Perform Proper Acquisitions	How to build methods for real-time monitoring
15:30 – 16:00	<b>Coffee Break</b>	
16:00 – 17:00	Introduction to Chemometrics for Process Control	Integration modes: OPC DA/UA and Spectrum Server
17:00 – 17:30	Data Visualization Tool: PCA	Q&A