



Annual Outreach Calendar 2026-2027 Webinars & Hands-on Training

Instruments	Month	Webinar and Hands-on-training
Lightsheet7	August	Webinar Understanding the Fundamentals & Applications of Lightsheet7 Fluorescence Microscopy
Nanoparticle Tracking Analyzer	August	Webinar Fundamentals & Applications of Nanoparticle Tracking Analysis (NTA)
Electrochemical Measurements	August	Webinar Measure the Invisible: An Introduction to Electrochemical Characterization
Hall Measurement System	September	Webinar Hall Measurement system for semiconductor Research: Theory & Applications
Circular Dichroism Spectroscopy	September	2-3 days Hands-on Training on Circular Dichroism (CD) – Sample Preparation, Data Acquisition & Analysis
Structured illumination microscopy	September	2 days Hands-on workshop Visualizing Cellular Dynamics Beyond the Diffraction Limit with ZEISS Lattice SIM5
RF/DC Sputtering, Thermal & E-beam Deposition Systems	October	Webinar Topic: Thin film engineering using RF-DC Sputtering, E-Beam & Thermal Evaporation.
Nanoparticle Tracking Analyzer	October	2 days Hands-on Training Nanoparticle Tracking Analysis (NTA) – Sample Preparation, Data acquisition & Data Analysis
Thickness Profiler	November	Webinar: Mastering Thickness Profiling: Principles, Instrumentation & Research Applications.
In-vivo imaging system (IVIS)	November	2-3 days Hands-on Training on IVIS Optical Imaging – Animal Positioning, Imaging & ROI Analysis

Electrospinning Unit	November	Webinar: Nanofiber Fabrication Using Electrospinning: Principles and Applications.
Micro-CT	December	Webinar Introduction to 3D X-ray Imaging & Applications
Lightsheet7	December	Hands-on Workshop on Volumetric Imaging with LightSheet7 Fluorescence Microscopy From Image Acquisition to 3D Data Analysis & Visualization
PECVD	December	Webinar: Thin Film Engineering Using PECVD: Principles and Application.
Hall Measurement System	January	Hands-on Training Titles: Practical Training on Hall Measurement Systems for Researchers.
Structured illumination microscopy	January	2 days Hands on Training in Live Super-Resolution Imaging, 3D Reconstruction & Quantitative Image Analysis
Solar Simulator & PD-QE	February	Hands-on Training Titles: Practical Training on Solar Cell and Photodetector Characterization.
Lithography	March	Webinar: From Design to Pattern: Mastering Modern Lithography.
GC-MS	March	Webinar: Thermal Desorption GC-MS: From Fundamentals to Advanced Chemical Analysis.
CDS, NTA, IVIS, Micro-CT, SIM, Lightsheet7	Tentative	10 Days School training on Advanced Characterization & Imaging for biopharma