

Tuesday Afternoon, September 23, 2025

Exhibitor Technology Spotlight Sessions

Room Hall A - Session EW-TuL

Exhibitor Technology Spotlight Session II

Moderator: Christopher Moffitt, Kratos Analytical Inc

12:30pm **EW-TuL-2 RHK Technology: 37 Years of Continuous SPM Innovation, Adam Kollin**, RHK Technology, Inc.

RHK Technology was founded in 1981 to develop new research tools for the Surface Science research community. The first product introduced was a High Resolution Electron Energy Loss Spectrometer (HREELS) followed by a Digital Temperature Controller for Temperature Programmed Desorption (TPD) measurements. RHK introduced its first Scanning Probe Microscope control system in 1988. In the following 37 years, RHK has developed a wide range of cutting-edge Scanning Probe Microscopes focused on UHV and cryogenic environments. The company is located in Troy Michigan and has delivered over 1500 SPM systems to over 40 countries around the world.

Adam Kollin, the founder and CEO of RHK Technology will discuss the latest advances from RHK including their new tenth generation SPM control system, the R10. Further advances in their cryo-free SPM system will be highlighted such as new Lumin-SLT that features a 70% light collection efficiency for Cathodoluminescence (CL) Photoluminescence (PL), STM Light Emission (STM-LE) as well as Raman spectroscopy studies. Upcoming capabilities will also be discussed.

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