

FREE TWO-DAY WORKSHOP

Investigating Nanoscale Properties with Atomic Force Microscopy



VINSE

A free workshop co-hosted by Vanderbilt University and Bruker
August 18-19, 2026 | 9:00 AM - 5:00 PM CDT

Explore New Advances and Research Trends

Bruker is pleased to co-host an **atomic force microscopy workshop in collaboration with Vanderbilt University on August 18-19**. During this free event, we will discuss new research trends leveraging unique AFM modes and techniques.

Free hands-on demonstrations will also be performed with [Bruker's Dimension Icon AFM](#). Lunch will be provided.

If you have any questions about the workshop, please contact Dr. Rick Kitadai at hikari.kitadai@bruker.com.

We hope to see you there!

Meet Our Experts

John Thornton
Senior Applications Scientist, Bruker
John.Thornton@bruker.com

Workshop Organizers

Dmitry Koktysh, Ph.D.
Lab Supervisor, VINSE Analytical Laboratory
dmitry.koktysh@vanderbilt.edu

Sarah Ross
Senior Program Manager at VINSE
sarah.m.ross@vanderbilt.edu

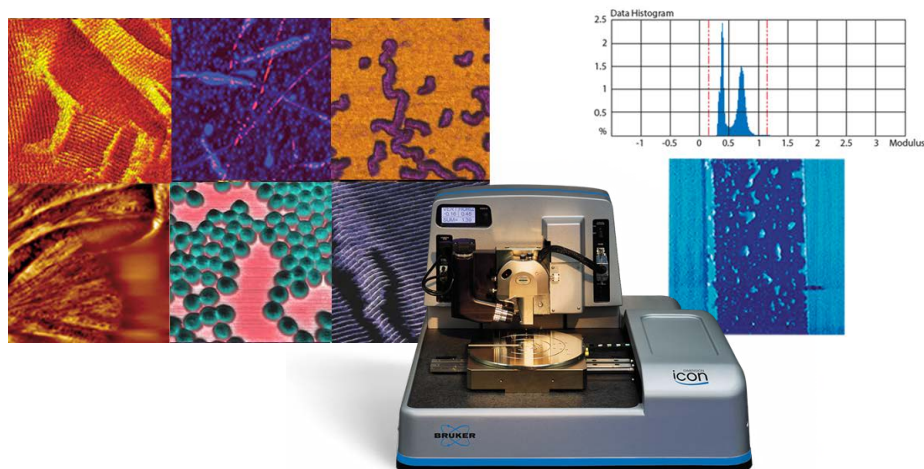
Rick Kitadai, Ph.D.
Regional Sales Engineer, Bruker
hikari.kitadai@bruker.com

Workshop Location

Vanderbilt University
[Engineering and Science Building](#)
1212 25th Avenue South, Room 001
Nashville, TN 37212



Register now to secure your spot! Scan the QR code or [click here](#) to register.



Dimension Icon AFM

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Agenda — Tuesday, August 18

9:00 AM	Registration
9:15 AM	Opening: Vanderbilt/Bruker Welcome
9:30 AM	Bruker Presentation I – Atomic Force Microscope: Working Principles
10:30 AM	Coffee Break
10:45 AM	Bruker Presentation II – Advanced AFM Techniques and Recent Developments (Material Science focus)
11:45 AM	Lunch (provided by Bruker)
1:00 PM	AFM Lab (PeakForce-Tapping, PeakForce QNM, Phase Imaging, Conductive AFM)
5:00 PM	End of Day 1

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Agenda — Wednesday, August 19

9:00 AM	Bruker Presentation III – Optical Profilometry Talk
10:00 AM	Coffee Break
10:15 AM	Bruker Presentation IV – AFM Fluid Imaging Overview, Best Practices
11:00 AM	Data Analysis, Q/A Discussion
11:30 AM	Lunch (provided by Bruker)
1:00 PM	AFM Lab (Fluid Imaging, Force Spectroscopy)
5:00 PM	End of Event