

FREE ONE-DAY BIOAFM WORKSHOP



BioAFM in Action: From Molecules to Cells

Latest Advances, Applications, and Best Practices

A workshop co-hosted by Northeastern University with Bruker
Thursday, June 4, 2026 | 1:00 PM - 3:00 PM EDT

Explore New Advances and Research Trends

Join us for a BioAFM-focused workshop designed for researchers, students, and facility users interested in biological and soft-matter AFM applications.

Whether you are an experienced AFM user or just beginning to explore the technique, this session will highlight the latest advances in BioAFM technology, emerging research trends, and practical approaches for getting better data from biological samples.

The session will include a live, user-driven Q&A and case-based discussion with Bruker experts. Bring your questions and learn best practices for planning experiments, improving reproducibility, and getting more reliable data.

Meet our Experts



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Workshop Location

Northeastern University
[CILS Bioimaging Facility](#)
Room 401, 815 Columbus Ave
Boston, MA, 02120



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

Agenda — Thursday, June 4

1:00 PM	Developments and Techniques in BioAFM Florian Kumpfe, Applications Scientist, Bruker
2:00 PM	Q&A Session
2:45 PM	Wrap up
3:00 PM	End of Event

We will discuss:

- **Latest BioAFM Advances:** New modes, instrumentation updates, and workflows for biological samples
- **Research Applications:** Examples spanning DNA, proteins, membranes, live/fixed cells, and soft tissues
- **Best Practices:** Probe selection, sample preparation, liquid imaging, force spectroscopy, and mechanical mapping
- **Q&A and Troubleshooting:** Common artifacts, data interpretation, reproducibility, and user-submitted questions