

FREE ONE-DAY BIOAFM WORKSHOP



BioAFM in Action: From Molecules to Cells

Latest Advances, Applications, and Best Practices

A Lunch & Learn session co-hosted by Northwestern University with Bruker
Monday, June 1, 2026 | 11:30 AM - 2:00 PM CDT

Explore New Advances and Research Trends

Join us for a BioAFM-focused Lunch & Learn 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.

Lunch will be provided.

Meet our Experts



Florian Kumpfe, PhD
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Workshop Location

[Simpson-Querrey Biomedical Research Center](#)
SQBRC 1M-209 Trienens Conference Room, 303 E. Superior St
Chicago Illinois 60611



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

Agenda — Monday, June 1

11:30 AM	Developments and Techniques in BioAFM Florian Kumpfe, Applications Scientist, Bruker
12:30 PM	Lunch and Informal Discussion
1:00 PM	Q&A Session
1:45 PM	Wrap up
2:00 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