

California Nanosystems Institute at UCLA and Bruker Present a Free Workshop:

Advances in AFM Mechanobiology, Nanomechanical, and Nanoelectrical Measurement Technology



Tuesday, November 12th, 2019

Location: CNSI at UCLA, 570 Westwood Plaza, Building 114
Los Angeles, CA 90095 | [View Map](#)



Join us Tuesday, November 12, for a free one-day atomic force microscopy workshop at the [California Nanosystems Institute](#) at UCLA. During the workshop, we will explore the latest advances in AFM mechanobiology, nanomechanical, and nanoelectrical measurements. We will as perform demonstrations with Bruker's [Dimension FastScan AFM](#), [Dimension Icon AFM](#), and [JPK NanoWizard BioAFM](#).

Lunch will be provided. Space is limited, register today by emailing events@cnsi.ucla.edu.

Agenda

Tuesday, November 12th

9:30 AM	Registration (Coffee and snacks provided)
10:00 AM	Opening Remarks and Introduction to Bruker Nano Surfaces Division <ul style="list-style-type: none">Dr. Adam Stieg, UCLA and Stephen Ziegler, Bruker
10:15 AM	Probing the Time-temperature Relationship of Mechanical Properties with AFM-based Dynamic Mechanical Analysis <ul style="list-style-type: none">Dr. Bede Pittenger, Bruker
11:15 AM	Advances in Nanoelectrical AFM: Characterizing Complex, Functional, and Energy Materials with DataCube Modes <ul style="list-style-type: none">Dr. Senli Guo, Bruker
12:00 PM	Lunch (provided)
12:45 PM	Force-based AFM Scanning Modes (PFQNM, QI): Tools for Studying Mechanobiology at the Cellular and Molecular Level <ul style="list-style-type: none">Dr. Samrat Dutta, Bruker
1:30 PM	Lab tours and AFM demonstrations
5:00 PM	Workshop events come to a close

Workshop Registration

To register for the workshop, please RSVP by email to events@cnsi.ucla.edu.

Workshop Hosts

CNSI Technology Centers
<https://cnsi.ucla.edu>

Nano and Pico Characterization Laboratory
<https://npc.cnsi.ucla.edu>

