

The Beckman Institute Molecular Materials Resource Center and
The Kavli Nanoscience Institute present:



Advances in AFM Scanning Nanoelectrical, Nanomechanical, and Automation Technology

Thursday, March 7, 2019 10:00 am to 5:00 pm

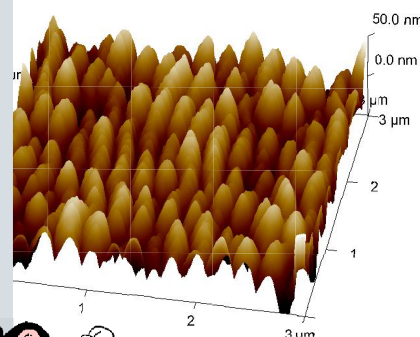
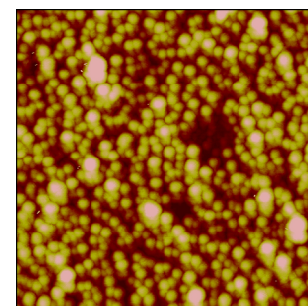
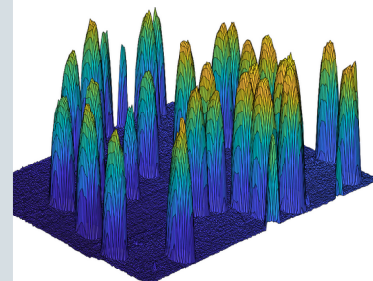
Location: Beckman Institute Auditorium,

The Molecular Materials Resource Center of the Beckman Institute with the Kavli Nanoscience Institute, and Bruker Nano announces an Open House and Workshop in AFM on March 7, 2019. The Workshop will offer morning talks with afternoon laboratory demonstrations and the chance to discuss individual samples. Registration provides you lunch for the workshop.



Schedule

10:00 am	Registration
10:30 am	Introduction to the Molecular Materials Resource Center Bruce S. Brunschwig, Director MMRC
10:40 am	Introduction to the Kavli Nanoscience Institute at Caltech Matthew Hunt, KNI's Assistant Director of Staff Research
10:50 am	NanoElectrical and NanoElectrochemical Labs for Heterogeneous Materials Systems and Devices Teddy Huang, Bruker Development Application Scientist
11:40 am	Elucidating the Interfacial Junction Energetics of Solar- fuel Devices via Advanced Scanning Probe Techniques Weilai Yu, Graduate Student, Caltech
12:00 pm	Lunch in the courtyard (box lunches provided)
12:45 pm	Comprehensive AFM Solutions for Quantification of Nanomechanical Properties Senli Guo, Bruker Senior Application Scientist
1:15 pm	Nanoelectrical and Electrochemical Imaging of Pt Nanoparticles on Si Electrodes Bruce S. Brunschwig, Director MMRC
1:35 pm	Lab tours and AFM demonstrations
5:00 pm	Workshop events end



Organizers

Bruce S. Brunschwig, Director MMRC, Caltech

Matthew Hunt, KNI's Assistant Director of Staff Research, Caltech

Steve Ziegler, Bruker Account Manager, Bruker

REGISTRATION



Caltech