



AFM APPLICATIONS WORKSHOP

July 21-25, 2014

Liquid Crystal Institute • Kent State University • Kent, Ohio

Unique Hands-On Opportunity

advance your knowledge and practice of Atomic Force Microscope Applications

Taught By Leading Experts

Dr. Peter Eaton

Dr. Paul West

co-authors of

Atomic Force Microscopy

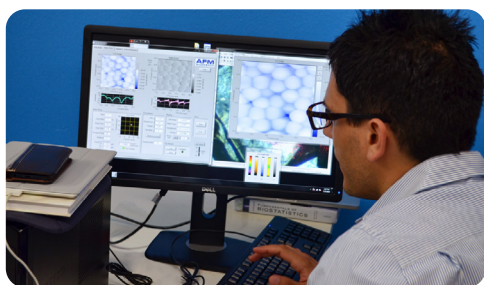
Oxford University Press

You Are Invited

Course includes theoretical as well as practical training on operation and applications of AFMs

Participants will have full use of Atomic Force Microscopes and samples at the Liquid Crystal Institute in Kent, Ohio. Each participant will also receive a copy of **Atomic Force Microscopy**.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:00 – 09:50	Intro. To AFM and Instrumentation	Sample Prep. Techniques	Image/Data Processing	AFM Artifacts/ Problems	AFM Modes
10:00 – 10:50	Operation of the TT-AFM	Metrology with AFM	Polymers with AFM	Life Sciences with AFM	Nanotechnology
11:00 – 12:00	Sample Prep. I	Sample Prep II	Sample Prep III	Sample Prep IV	Sample Prep V
12:00 – 01:00	Lunch	Lunch	Lunch	Lunch	Lunch
01:00 – 05:00	Lab Work I	Lab Work II	Lab Work III	Lab Work IV	Lab Work V



Plenty of time to enhance sample prep and scanning skills

- ▶ **Lab Work I** Scanning standard and reference samples
- ▶ **Lab Work II** Imaging metrology samples
- ▶ **Lab Work III** Polymer sample preparation and scanning
- ▶ **Lab Work IV** Sample preparation and scanning life sciences samples
- ▶ **Lab Work V** Unusual shaped samples and liquid scanning

The price for the entire week is \$2,995

Space is limited. To register, send an email indicating your interest to: info@afmworkshop.com

The Liquid Crystal Institute has established a special rate for AFM Applications Workshop attendees at the Kent State University Hotel and Conference Center. Contact info@afmworkshop.com as soon as possible for the rate code and/or alternate lodging suggestions. More information about the Liquid Crystal Institute and directions can be found at: <http://www.lcinet.kent.edu>.

