

2013 Oklahoma Microscopy Society Spring Workshop

Multitasking in Multidimensions: 3D imaging and Analysis



Keynote: "Manipulation and nanotribology in dry and liquid environments and nanomechanics of nano-objects using an AFM", Dave Maharaj, The Ohio State University



Atomic Force Microscope exhibition: Bruker will be exhibiting an AFM in the atrium. Attendees should bring samples to test!

Friday, April 12th, 9am - 4pm

Kid's night: Thursday, April 11,
5:00 pm - 6:30 pm, George Lynn Cross Hall rm.157

Also featuring: talks on scanning probe microscopy and confocal microscopy, exhibitor displays, and afternoon tours of major microscopy facilities on campus

University of Oklahoma, Norman, OK

Stephenson Research and Technology Center

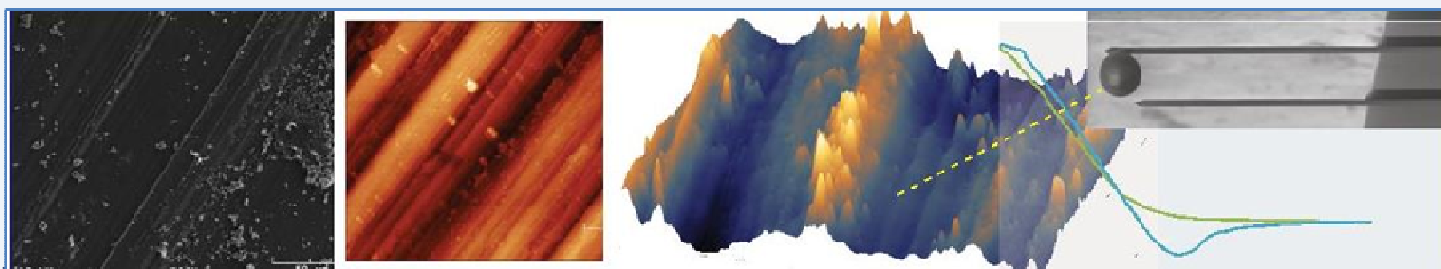


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Multitasking in Multidimensions: 3D imaging and Analysis



University of Oklahoma, Norman, OK

Stephenson Research and Technology Center (SRTC), <http://srtc.ou.edu/>

Kid's night: Thursday, April 11th, 5:00 p.m. - 6:30 p.m., George Lynn Cross Hall room 157

Schedule of events, Friday April 12th, 2013

time	description
9:00am - 9:45	Continental breakfast; exhibitor opportunity (SRTC atrium)
9:45-10:00	Welcome, Dr. Andrew Elwood Madden (SRTC atrium)
10:00-11:00	Keynote lecture: Manipulation and nanotribology in dry and liquid environments and nanomechanics of nano-objects using an AFM Dave Maharaj, The Ohio State University
11:00 -11:15	break
11:15 - 12:00pm	Quantitative nanomechanical mapping with AFM Dr. Senli Guo, Bruker Nano Surfaces Division
12:00 -12:15	OMS meeting
12:15-1:15	lunch; exhibitor opportunity (SRTC atrium)
1:15-1:30	Pitfalls of training in scanning probe microscopy Wesley Tennyson, OU School of Chemical, Biological, and Materials Engineering
1:30-1:45	Exploiting Atomic Force Microscope for cell biology Xin Li, OU Department of Chemistry and Biochemistry
1:45-2:00	AFM studies of simulated faults: towards understanding earthquakes Xiaofeng Chen, OU School of Geology & Geophysics
2:00-2:30	3-Dimensional remodeling of Sertoli cell tight junctions Dr. Benjamin Smith, OU Samuel Roberts Noble Microscopy Laboratory
2:30-2:45	Assessing the Subcellular Localization of Nuclear Transcription Factor Y Subunits in Arabidopsis Roots Daniel Jones, OU Department of Microbiology and Plant Biology
2:45	Exhibitor viewing, shuttles to campus microscopy facilities in SRTC parking lot
4:00	adjourn