

# Facilities Day Open House Agenda

Thursday, January 18, 2024

Engineering Centers Building | University of Wisconsin Campus | Madison, WI

8:00 AM	<b>Registration Opens / Breakfast &amp; Coffee</b>	
8:30 AM	<b>Overview in Tong Auditorium, Room 1003</b> Jerry Hunter, UW-Madison WCNT	
	<b>Microscopy Techniques Room 1106</b>	<b>Microanalysis Room 1045</b>
9:00 AM	<u>Transmission Electron Microscopy (45 min)</u> Paul Voyles, UW-Madison, MS&E <u>User Application (15 min)</u> Shuoyuan Huang, UW-Madison, MS&E	<u>Optical Spectroscopy (45 min)</u> Nolan Wong, HORIBA Scientific <u>User Application (15 min)</u> Seo Won Cho, UW-Madison, CEE
10:00 AM	<b>Break</b>	
10:15 AM	<u>Scanning Electron Microscopy (45 min)</u> Julie Morasch, UW-Madison WCNT <u>User Application (15 min)</u> Samantha Evans, UW-Madison, Chemistry	<u>Surface Analysis (XPS and SIMS) (45 min)</u> Jerry Hunter, UW-Madison WCNT <u>User Application (15 min)</u> Jiarui Gong, UW-Madison, ECE
11:15 AM	<u>EDS and EBSD (35 min)</u> Michael Hjelmstad, Oxford Instruments <u>User Application (10 min)</u> Cole Evered, UW-Madison, NEEP	<u>Nanoindentation (30 min)</u> Nick Bulloss, UW-Madison WCNT <u>User Application (15 min)</u> Aditya Nagaraj, UW-Madison, ME
12:00 PM	<b>Lunch</b>	
1:15 PM	<u>Focused Ion Beam (45 min)</u> Dan Lawrence, ThermoFisher <u>User Application (15 min)</u> Nicholas Hagopian, UW-Madison, MS&E	<u>Newcomb Imaging Center (20min)</u> Sarah Swanson, UW-Madison, Botany <u>Wisconsin Center for NanoBioSystems (20 min)</u> Michael Poellmann and Narshimha Mamidi, UW-Madison, Wisconsin Center for NanoBioSystems <u>Cryo-Electron Microscopy Research Center (20 min)</u> Bryan Sibert, UW-Madison, Biochemistry
2:15 PM	<b>Break</b>	
2:30 PM	<u>Scanned Probe Microscopy (45 min)</u> John Thornton, Bruker <u>User Applications (15 min)</u> Keenan Smith, UW-Madison, Physics	<u>Rheometry and Dynamic Mechanical Analysis (45 min)</u> Greg Kamykowski, TA Instruments <u>User Application (15 min)</u> John Estela, UW-Madison, ME
3:30 PM	<u>X-ray Analysis Methods (XRD, XRR, etc.) (45 min)</u> Don Savage, UW-Madison WCNT <u>User Application (15 min)</u> Taehwan Jung, UW-Madison, MS&E	<u>Basics of Nanoscale Fabrication (45 min)</u> Frank Flack, UW-Madison WCNT <u>User Application (15 min)</u> Ranveer Singh, UW-Madison, Physics
4:30 PM	<b>Wrap Up in Room 1003</b> Jerry Hunter, UW-Madison WCNT	
4:40 PM	<b>Adjourn</b>	