

Facilities Day Open House Agenda

Thursday, May 18, 2023

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

8:00 AM	Registration Opens / Breakfast & Coffee	
8:30 AM	Overview in Room 1106 Jerry Hunter, UW-Madison WCNT	
	Microscopy Techniques Room 1106	Microanalysis Room 1153
9:00 AM	<u>Transmission Electron Microscopy (45 min)</u> Paul Voyles, UW-Madison MSE <u>User Applications (15 min)</u> Nikhil Pokharel, UW-Madison ECE Nick Hagopian, UW-Madison MSE	<u>Optical Spectroscopy (45 min)</u> Nolan Wong, HORIBA Scientific <u>User Applications (15 min)</u> Sebastian Manzo, UW-Madison MSE Ziyan Wu, UW-Madison CEE
10:00 AM	Break	
10:15 AM	<u>Scanning Electron Microscopy (45 min)</u> Julie Morasch, UW-Madison WCNT <u>User Applications (15 min)</u> Xiaoqi Zheng, UW-Madison MSE Nina Desianti, WI State Lab of Hygiene	<u>Surface Analysis (XPS and SIMS) (45 min)</u> Jerry Hunter, UW-Madison WCNT <u>User Application (15 min)</u> Junguang Yu, UW-Madison ECE Jiarui Gon, UW-Madison ECE
11:15 AM	<u>EDS and EBSD (45 min)</u> Alfredo Díaz González, Oxford Instruments	<u>Nanoindentation (30 min)</u> Nick Bulloss, UW-Madison WCNT <u>User Application (15 min)</u> Aditya Nagaraj, UW-Madison ME
12:00 PM	Lunch	
1:15 PM	<u>Focused Ion Beam (45 min)</u> Dan Lawrence, ThermoFisher <u>User Applications (15 min)</u> Rogelio Herrera, UW-Madison ME	<u>Geology (20min)</u> Will Nachlas, UW-Madison <u>Nuclear Reactor (20 min)</u> Bob Agasie, UW-Madison <u>Water Sciences (20 min)</u> James Lazarcik, UW-Madison
2:15 PM	Break	
2:30 PM	<u>Scanned Probe Microscopy (45 min)</u> John Thornton, Bruker <u>User Applications (15 min)</u> Ilhan Bok, UW-Madison ECE	<u>Rheometry and Dynamic Mechanical Analysis (45 min)</u> Greg Kamykowski, TA Instruments <u>User Applications</u> John Estela, UW-Madison CBE
3:30 PM	<u>X-ray Analysis Methods (XRD, XRR, etc.) (45 min)</u> Don Savage, UW-Madison WCNT <u>User Applications (15 min)</u> Nathan Curtis, UW-Madison MSE Surjava Sanyal, UW-Madison ECE	<u>Basics of Nanoscale Fabrication (45 min)</u> Frank Flack, UW-Madison WCNT <u>User Applications (15 min)</u> Ben Harpt, UW-Madison Physics Conjeevuram Ambarish, UW-Madison Physics
4:30 PM	Wrap Up in Room 1106 Jerry Hunter, UW-Madison WCNT	
4:40 PM	Adjourn	