

Facilities Day Agenda

Thursday, January 15, 2026

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

8:00 AM	Registration Opens / Breakfast & Coffee	
8:45 AM	Overview in Room 1152 Julie Morasch, UW–Madison WCNT	
	Microscopy Techniques Room 1152	Microanalysis Room 1143
9:00 AM	<u>Transmission Electron Microscopy (45 min)</u> Paul Voyles, UW–Madison WCNT <u>User Application (15 min)</u> Scott Dahl, MS&E	<u>Optical Spectroscopy (45 min)</u> Joshua Hudson, HORIBA Scientific <u>User Application (15 min)</u> Shengdong Liu, CEE
10:00 AM	Break	
10:15 AM	<u>Scanning Electron Microscopy and Microanalysis (45 min)</u> Nick Bulloss, UW–Madison WCNT <u>User Application (15 min)</u> Charles Adkins, MS&E	<u>Surface Analysis (XPS) (45 min)</u> Jenny Mann, PHI <u>User Application (15 min)</u> Erika Jackson, Chemistry
11:15 AM	<u>Focused Ion Beam (45 min)</u> Dan Lawrence, ThermoFisher <u>User Application (15 min)</u> Cole Evered NEEP	<u>A Review of Materials Characterization by TGA and DSC (45 min)</u> Vahid Shabafrooz, TA Instruments – Waters, LLC <u>User Application (15 min)</u> Zebang Zhang, ME
12:15 PM	Lunch	
1:30 PM	<u>Scanned Probe Microscopy (45 min)</u> Nick Bulloss, UW–Madison WCNT <u>User Application (15 min)</u> Zizhong Li, MS&E	<u>Nanoscale Fabrication Center Capabilities and Techniques (45 min)</u> John Janzen, UW–Madison WCNT <u>User Application (15 min)</u> Mike Niezgoda, Exo-Atmospheric Technology
2:30 PM	<u>X-ray Analysis Methods (XRD, XRR, etc.) (45 min)</u> Don Savage, UW–Madison WCNT <u>User Application (15 min)</u> Marissa Gallmeyer, CBE	<u>Atomic-Scale Processing (45 min)</u> Sean Armstrong, Kurt J. Lesker Company <u>User Application (15 min)</u> Ruixin Bai, ECE
3:40 PM	Optional Tour of WCNT Facilities (Meet in front of Room 1106)	