## Agenda

**Wednesday, May 22nd**  
9:00 AM – 4:00 PM  
Mechanical Engineering Building, Room 1153

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>8:30 AM</td>
<td>Coffee and breakfast</td>
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| 9:00–9:45 AM  | Measuring atomic-scale strain, deformation, and bending in 2D materials with aberration-corrected STEM  
Pinshane Huang, Department of Materials Science and Engineering, University of Illinois, Urbana-Champaign |
| 9:45–10:30 AM | Development of an Ultrafast Transmission Electron Microscope at the University of Illinois  
Renske van der Veen, Department of Chemistry, University of Illinois, Urbana-Champaign |
| 10:30–11:00 AM | Coffee break and exhibit                                               |
| 11:00–11:45 AM | Determination of viral protein structures by cryo-electron microscopy  
Bryan Sibert, Postdoctoral Research Associate, Department of Biochemistry, University of Wisconsin–Madison |
| 11:45 AM –1:30 PM | Lunch and exhibit                                                     |
| 1:30–1:50 PM  | Study of gamma irradiation effect on the corrosion of zirconium alloy with scanning precession electron diffraction  
Li He, Assistant Scientist, Department of Engineering Physics, University of Wisconsin–Madison |
| 1:50–2:10 PM  | Irradiation Induced Embrittlement of Thin 3C-SiC Investigated by in situ Nanoindentation via TEM  
Xuying Liu, Research Assistant, Department of Materials Science and Engineering, University of Wisconsin–Madison |
| 2:10–2:30 PM  | Probing the size effects in metals using in situ SEM microcompressions  
Claire Griesbach, Research Assistant, Department of Engineering Physics, University of Wisconsin–Madison |
| 2:30–2:50 PM  | Using Scanned Probe Techniques to Investigate Quantum Behavior at the Atomic Scale  
Wyatt Behn, Research Assistant, Department of Physics, University of Wisconsin–Madison |
| 2:50–3:35 PM  | A brief introduction to synchrotron X-ray microscopy and our work on the Full Field Diffraction Microscope  
Tao Zhou, Postdoctoral Researcher, Center for Nanoscale Materials, Argonne National Lab |
| 3:35 PM       | Exhibit and tours of the facilities in the Wisconsin Centers for Nanotechnology |
| 4:00 PM       | Adjourn                                                                |
M₃S Meeting Parking Directions

University of Wisconsin–Madison
Mechanical Engineering Building
1513 University Avenue
Madison, WI

Recommended parking is in Lot 17 located at the end of Engineering Drive.
Rates: $2 per hour. $15 per day.

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