

Broader Impacts of Wisconsin MRSEC Shared Instrumentation Facilities

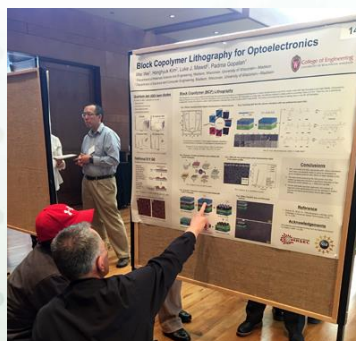
2018 Shared Instrument Facilities and Broader Impacts

Jerry Hunter
University of Wisconsin-Madison MRSEC

The Wisconsin MRSEC's fourth annual Facilities Day Open House, held on April 12-13, 2018, engaged 165 scientists, engineers, students, instrument vendors, and employees of local companies. Day 1 featured tutorials by vendors of instrumentation, which were followed by presentations of MRSEC research that used the instrumentation. Day 2 focused on demonstrations of regionally unique instruments, including the MRSEC's atom probe and aberration-corrected scanning transmission electron microscope. MRSEC shared facilities are also being used for educational outreach to school-age students. For example, students and teachers at local schools have used the MRSEC's table-top scanning electron microscope to image microstructures such as the stoma of plants.



Student speaker (right) and attendees (above) at MRSEC Facilities Day Open House on April 12, 2018



Poster session and attendees at 2017 Facilities Open house

