



Advanced Materials Industrial Consortium  
UNIVERSITY OF WISCONSIN-MADISON

# 2024 AMIC Annual Meeting

Thursday, March 14  
8:30 AM – 4:30 PM  
Discovery Building

## Agenda

8:00 AM	<i>BREAKFAST AND REGISTRATION</i>
8:30 AM	<b>Welcome and Update from the College of Engineering</b> <i>Oliver Schmitz, Thomas and Suzanne Werner professor, Associate Dean for Research Innovation, College of Engineering</i>
8:40 AM	<b>AMIC Announcements &amp; Consortium Overview</b> <i>Xiujuan (Jane) Zhang, AMIC Director, OCR Research Services Engagement Manager</i>
8:55 AM	<b>Introduction to the new Wisconsin MRSEC</b> <i>Paul Voyles, Wisconsin MRSEC Director</i>
9:15 AM	<b>Technology Innovation and Industry Engagement at UW-Madison College of Engineering</b> <i>Russ Johnson, Director, Office of Corporate Relations, College of Engineering</i>
9:30 AM	<b>Leveraging Physics and High-Throughput Experiments in Bayesian Optimization</b> <i>Victor Zavala Tejada, Professor, Chemical and Biological Engineering</i>
10:00 AM	<i>BREAK</i>
10:30 AM	<b>Uncertainty Quantification in Machine Learning Models of Materials Properties</b> <i>Ryan Jacobs, Scientist II, Computational Materials Group, Materials Science and Engineering</i>
11:00 AM	<b>Innovations of AI and Automation in Asphalt Pavement Lifecycle</b> <i>Xiaopeng Li, Professor, Civil and Environmental Engineering</i>
11:30 AM	<b>Self-driving Laboratories to Autonomously Navigate the Protein Fitness Landscape</b> <i>Philip Romero, Assistant Professor, Biochemistry</i>
12:00 PM	<i>LUNCH</i>
12:45 PM	<b>Accelerating Mesoscale Materials Simulations by Machine Learning</b> <i>Jiamian Hu, Assistant Professor, Materials Science and Engineering</i>
1:15 PM	<b>Accelerating the Discovery and Design of Next Generation Alloys</b> <i>Sebastian Kube, Assistant Professor, Materials Science and Engineering</i>
1:45 PM	<i>BREAK</i>
2:00 PM	<b>Company Flash Talks</b>
3:30 PM	<b>Poster Session</b> <i>(Refer to List of Posters)</i>
4:15 PM	<b>Closing Remarks</b> <i>Xiujuan (Jane) Zhang, AMIC Director, OCR Research Services Engagement Manager</i>
4:30 PM	<i>ADJOURN</i>

*The AMIC strives to host inclusive and accessible events that enable all individuals to engage fully.  
To request an accommodation or for inquiries about accessibility,  
please contact Kerri Phillips at [kphillips22@wisc.edu](mailto:kphillips22@wisc.edu) or (608) 516-8091.*