

## ARMS 1010 | 3:30PM

Date	Speaker	Affiliation
Friday September 8	<b>Dr. Dimitri Zemlyanov &amp; Dr. Neil Dilley</b> <i>Advanced Probing of the Electronic Structure of Materials at Birck Nanotechnology Center's Characterization Facility</i>	Purdue BIRCK
Monday September 11	<b>Dr. Scott Mao</b> <i>In-situ transmission electron microscopy on controlled grain boundary processing and deformation of nanocrystals</i>	University of Pittsburg
Monday September 18	<b>Dr. Prashant Kamat</b> <i>Light-Triggered Ion Movement in Metal Halide Perovskites: Implications for Solar Cell Stability</i>	University of Notre Dame
Friday September 29	<b>Dr. Roya Maboudian</b> <i>Microchemical Sensors for Environmental and Health Monitoring</i>	University of California, Berkeley
Monday October 2	<b>Dr. Rosa Diaz</b> <i>Understanding inherent structural defects, chemistry, and electronic structure in topological superconductor and semiconductor heterostructures interfaces using advanced electron microscopy</i>	Purdue BIRCK
Friday October 6	<b>Dr. Daeyeon Lee</b> <i>Disordered Bicontinuous Composites</i>	University of Pennsylvania
Friday October 13	<b>Dr. Micah Green</b> <i>Using Radio Frequency Fields for Heating, Curing, Welding, and 3D printing</i>	Texas A&M University
Monday October 23	<b>Dr. Caleb Clement</b> <i>Past and Present Nuclear Materials Solutions: Westinghouse Churchill Site</i>	Westinghouse Electric Company
Friday October 27	<b>Dr. Suveen Mathaudhu</b> <i>Rocks, Metal, Scissors — Plasticity Mechanisms and Non-Equilibrium Microstructures During Intense Shear Deformation</i>	Colorado School of Mines
Friday November 10	<b>Dr. Larry Aagesen</b> <i>Multi-scale modeling of the evolution of structure and properties in materials for nuclear energy applications</i>	Idaho National Lab