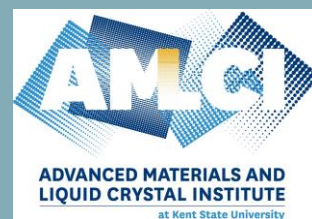


2021 Microscopy/Microanalysis Summer School at AMLCI



INFORMATION

- Time: July 22 – 23, 2021
- Location: Presentations on ZOOM, Virtual Lab tours @ CWRU, KSU, and UAkron.
- FREE Pre-Registration:
<http://www.msneo.org/summerschool2021-amlci.html>
- Contact: Min Gao mgao@kent.edu
Lu Zou lzou@kent.edu
- Instructors:
 - ❖ Dr. Scott Barton (Xenocs)
 - ❖ Mr. James Eickhoff Jr. (Anton-Paar)
 - ❖ Dr. Min Gao (KSU)
 - ❖ Dr. Andrew Knoll (UA)
 - ❖ Dr. Kunpeng Li (CWRU)



New lab @ AMLCI: (Ultra)Small-Angle, Wide-Angle X-Ray Scattering Lab

SCHEDULE

- July 22 (Thursday), 2021
 - 9:30–11:00 “**Combining Surface Characterization Techniques**”, Andrew Knoll, University of Akron
 - 11:00–11:15 Virtual Lab Tour/Virtual Coffee break
 - 11:15–12:00 “**Basics of Electron and X-Ray Diffraction Techniques**”, Min Gao, Kent State University
 - 12:00–13:30 Lunch Break
 - 13:30–15:00 “**An Introduction to Laboratory Small Angle X-ray Scattering (SAXS) and Applications**”, Scott Barton, Xenocs
 - 15:00–15:15 Virtual Lab Tour/Virtual Coffee break
 - 15:15–16:45 “**Going With the Flow – An Introduction to Practical Rheology and Beyond**”, James Eickhoff Jr., Anton-Paar
 - 16:45–17:00 Virtual Lab Tour/Virtual Coffee break
- July 23 (Friday), 2021
 - 9:30–10:15 “**Basics of electron microscopy**”, Min Gao, Kent State University
 - 10:15–10:30 Virtual Lab Tour/Virtual Coffee break
 - 10:30–12:00 “**Single-particle cryo-EM: the principle and applications of sample preparation**”, Kunpeng Li, Case Western Reserve University
 - 12:00–12:15 Virtual Lab Tour
 - 12:15–13:30 Lunch Break
 - 13:30–16:30 TEM/SEM Demonstration for Hands-On Training, Min Gao and Lu Zou, Kent State University



New lab @ AMLCI: Anton-Paar Materials Characterization Lab

Northeast Ohio Microscopy/Microanalysis Summer School is an annual educational program hosted by AMLCI Characterization Facility, partnered with MSNO and ACESS.

