

Agenda
2021 Data Analysis School on X-ray Scattering from Liquid Interfaces

Afternoon, August 17, 2021

- 01:00 – 01:05 Introduction/Welcome (Wei Bu, *NSF's ChemMatCARS*)
- 01:05 – 01:15 Overview (Binhua Lin, *NSF's ChemMatCARS*)
- 01:15 – 01:55 Fresnel Reflection (Mark Schlossman, *University of IL at Chicago*; Wei Bu, *NSF's ChemMatCARS*)
- 01:55 – 02:05 Break/Zoom Photo
- 02:05 – 03:00 Parratt Method/Master Formula (Mark Schlossman, *University of IL at Chicago*; Wei Bu, *NSF's ChemMatCARS*)
- 03:00 – 03:10 Break
- 03:10 – 03:50 Interfacial Roughness (Mark Schlossman, *University of IL at Chicago*; Wei Bu, *NSF's ChemMatCARS*)
- 03:50 – 04:10 Scattering Geometry (Mrinal Bera, *NSF's ChemMatCARS*)
- 04:10 – 04:20 Break
- 04:20 – 04:40 X-ray Reflectivity Data Reduction (Mrinal Bera, *NSF's ChemMatCARS*)
- 04:40 – 05:30 X-ray Reflectivity Data Fitting (Wei Bu, *NSF's ChemMatCARS*)
- 05:30 – 06:20 Error Analysis (Mrinal Bera & Wei Bu, *NSF's ChemMatCARS*)