Workshop Schedule
Workshop 5: Crystallographic & Cryo-EM Structure Solution with Phenix
Organizers: Dorothee Liebschner
Sunday, July 7, 2024 @ 8:30 AM - 5:00 PM MT

Kindly be aware that the provided schedule is provisional and may be subject to adjustments.

8:30	Welcome: Introduction to Phenix, Introduction to the GUI, set up Phenix
9:00	Overview -- Strategy for X-ray or Cryo-EM structure determination using AlphaFold models (lecture)
9:30	Predicting your structure with AlphaFold and trimming it with ProcessPredictedModel (demo)
10:00	Solving an X-ray structure automatically by MR with PredictAndBuild (demo)
10:30	Break
10:45	Evaluating X-ray data with Xtriage
11:00	Xray refinement (lecture)
11:45	Xray refinement with AlphaFold reference models (demo)
12:30	Lunch
13:30	Ligands (lecture & demo)
14:00	Cryo-EM Data evaluation with Mtriage (short lecture & demo)
14:30	Cryo-EM map manipulations, map improvement with LocalAnisoSharpen and ResolveCryoEM (demo)
15:00	Break
15:15	Automatic cryo-EM map interpretation with PredictAndBuild (demo)
15:45	Cryo-EM refinement (lecture and demo)
16:15	Model validation (lecture & demo)
16:45	Q&A
16:55	finish: workshop survey, wrap up