

LIX workbench November 3-5, 2020

Agenda

November 3rd, 2020

09:15 Welcome and Group Introduction

09:20 Lecture - Overview of SAXS Theory & Static SAXS data collection

09:45 Lecture - in-line SEC data collection and sample preparation

10:00 Q & A

10:15 Lecture - Data Analysis

10:45 Setting up and using py4xs

LiX software description, python installation instructions, data from the workbench,

GLOBUS

12:00 Overview of the CBMS Program

Sean McSweeney

12:15 Lecture - The Cryo-Em Facility at BNL

Liguo Wang

13:00 Lecture: Overview of the MX beam lines

Jean Jakoncic

November 4th, 2020

09:00 Static SAXS and in-line SEC-SAXS demonstration with user samples

12:00 Lecture - What can we learn from X-ray Foot Printing Erik Farquhar

12:30 Lecture - TBA - Miguel Garcia Diaz(TBC)

November 5th, 2020

09:00 Data collection with user samples

12:00 Lecture - TBA Kushol Gupta(TBC)

12:30 Lecture - Anomalous Scattering and Diffraction (TBC) - TBD