

TES Workbench

March 18-20, 2020 - Cycle 1

AGENDA

March 18 - Wednesday

9:00 Breakfast

9:15 Welcome

9:30 Lecture - Overview of the Imaging and Spectroscopy Program
Sarah Nicholas

10:00 Lecture - Introduction to the TES beam line
Yonghua Du

10:45 Lecture - Applications – Examples
Paul Northrup

11:30 Access to NSLS II beam lines – Proposal writing
Vivian Stojanoff

11:45 Informal introduction of participants

12:00 Lunch Break

13:00 Beam line training
Yonghua Du

13:30 Hands-on Training – X-ray fluorescence Imaging
Paul Northrup

15:30 Coffee Break - Photo Opportunity

16:00 Demonstration – X-ray spectroscopy XANES and EXAFS
Paul Northrup

18:00 Overnight sample (XANES/EXAFS)

March 19 – Thursday

9:00 Lecture - Overview of the CBMS program

Sean McSweeney

9:30 Data Collection and Data Analysis 1 – Spectroscopy
Paul Northrup

10:30 Coffee Break

12:00 Lunch Break

13:00 Data Collection and Analysis 2 - Imaging
Paul Northrup

15:30 Coffee Break

16:30 Overnight sample (High resolution Imaging)
Paul Northrup

17:30 Tour of the Facility
Vivian Stojanoff

March 20 - Friday

9:00 Lecture Athena

10:00 Data Collection and Analysis – 3 (do it yourself)

10:30 Coffee Break

12:00 Lunch Break

13:00 Data Collection and Analysis – 4 (do it yourself)

16:00 Coffee Break

16:00 Informal discussion - NSLS II proposal submission and preliminary results
Paul Northrup, Yonghua Du, Ryan Tappero, Vivian Stojanoff

17:00 End of Program