

SSRL Summer School on Synchrotron X-Ray Absorption Spectroscopy

Monday, September 10 – Thursday, September 13, 2018

Monday, 10 September 2018, Building 48, Room 112 : Redwood Rooms	
8:30 – 8:55 AM	Registration – <i>Refreshments</i>
8:55 – 9:00 AM	Introductory Remarks Riti Sarangi
9:00 – 9:45 AM	Introduction to XAS at SSRL – Britt Hedman
9:45 – 10:45 AM	Introduction to Theoretical Aspects of XAS/EXAFS – Riti Sarangi
10:45 AM – 11:45 PM	Introduction to Experimental Aspects of XAS/EXAFS – John Bargar
11:45 – 12:00 PM	Group Photo
12:00 – 1:00 PM	Lunch
1:00 – 1:45 PM	Experimental Design and Sample Preparation – Ryan Davis
1:45 – 2:30 PM	The Practical Guide to Sample Preparation – Adam Hoffman
Beamline Practical Sessions – Building 120, SSRL	
2:45 PM – 5:00 PM	BL 2-2: XAS/EXAFS (Catalysis) Instructors: Adam Hoffman , Alexey Boubnov
	BL 9-3: XAS/EXAFS (Bio) Instructors: Riti Sarangi
2:45 PM – 5:00 PM	BL 7-3: XAS/EXAFS Instructors: Sharon Bone , Matthew Latimer
	BL4-1: XAS/EXAFS (GI-XAS) Instructors: Ryan Davis , Adam Jew
3:30 – 3:45 PM	Refreshments (BL 9 Lounge Area)
6:00 PM	School Dinner

Tuesday, 11 September 2018, Building 48, Room 112 : Redwood Rooms	
8:30 – 9:00 AM	Refreshments
9:00 – 10:00 AM	Principles of FEFF based data analysis: Riti Sarangi
10:00 AM – 5:30 PM	Hands-on data analysis session using Athena: Data Reduction Juan Lezama , Sharon Bone , Ben Matson , Riti Sarangi
12:00 – 1:00 PM	Lunch
3:00 – 3:15 PM	Refreshments

Wednesday, 12 September 2018, Building 48, Room 112 : Redwood Rooms	
8:30 – 9:00 AM	Refreshments
9:00 AM – 5:00 PM	Hands-on data analysis session using Artemis: EXAFS Data Fitting. Juan Lezama , Vincent Noel , Sharon Bone , John Bargar , Ben Matson
12:00 – 1:00 PM	Lunch
3:00 – 3:15 PM	Refreshments

Thursday, 13 September 2018, Building 48, Room 112 : Redwood Rooms	
8:30 – 9:00 AM	Refreshments
9:00 – 10:45 AM	Electronic Structure Interpretation from XANES: Riti Sarangi
10:45 – 12:00 AM	Combining Advanced Spectroscopy with XAS: Thomas Kroll
	One-on-One Data Analysis Sessions, Building 48, Room 112
11:00 AM – 5:00 PM	Adam Hoffman , Alexey Boubnov , Vincent Noel , Riti Sarangi , John Bargar , Sharon Bone
3:00 – 3:15 PM	Refreshments
5:00 PM	School Adjourned