

New challenges and solutions for XAS data analysis  
part II - FEFF and IFEFFIT for XANES and EXAFS analysis

April 14-17, 2015

April 14, Tuesday		
9:00 - 9:35	registration	
9:30 - 9:35	Welcome	
9:35 - 10:15	Introduction to X-Ray Absorption Spectroscopy	Dr. Micah Prange
10:15 - 11:00	X-ray Absorption Experiment: Sample Preparation and Experiment Design	Dr. Bruce Ravel
11:00 - 11:30	coffee break	
11:30 - 12:15	Introduction to XANES	Dr. Micah Prange
12:15 - 13:00	Introduction to EXAFS	Dr. Bruce Ravel
13:00 - 14:30	lunch	
14:30 - 15:45	Examples and exercises: Data processing in Athena	Dr. Bruce Ravel
15:45 - 16:00	coffee break	
16:00 - 17:15	Examples and exercises: Data analysis in Athena	Dr. Bruce Ravel

April 15, Wednesday		
9:30 - 10:15	FEFF 9 - theory behind the code	Dr. Micah Prange
10:15 - 11:00	FEFF 9 - important keywords, building an input file	Dr. Micah Prange
11:00 - 11:30	coffee break	
11:30 - 13:00	EXAFS data analysis in examples	Dr. Bruce Ravel
13:00 - 15:00	lunch	
15:00 - 16:15	Examples and exercises: FEFF 9	Dr. Micah Prange
16:15 - 16:30	coffee break	
16:30 - 17:45	Examples and exercises: Artemis	Dr. Bruce Ravel

April 16, Thursday		
9:30 - 11:00	FEFF 9 calculations on advanced systems	Dr. Micah Prange
11:00 - 11:30	coffee break	
11:30 - 13:00	Advanced Topics in EXAFS Analysis	Dr. Bruce Ravel
13:00 - 14:30	lunch	
14:30 - 15:45	Examples and exercises: FEFF 9	Dr. Micah Prange
15:45 - 16:00	coffee break	
16:00 - 17:15	Examples and exercises: Artemis	Dr. Bruce Ravel

April 17, Friday		
9:30 - 11:00	FEFF calculations of other techniques: EELS, XES, XMCD	Dr. Micah Prange
11:00 - 11:30	coffee break	
11:30 - 12:15	Exercises: FEFF 9	Dr. Micah Prange
12:15 - 13:00	Exercises: Artemis	Dr. Bruce Ravel
13:00 - 13:30	Closing remarks	
13:30 - 15:00	lunch	

Location:

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