

SSRL Workshop on XAS and RIXS Data Analysis using CTM4XAS and CTM4RIXS

March 24-26, 2015
SLAC, Menlo Park, CA

Day 1 – CTM4XAS		
09:30	Introduction to X-ray Absorption Spectroscopy, Frank Atomic Multiplet Theory & Introduction to CTM4XAS	Frank
11:00	Break	
11:30	Exercises CTM4XAS, part 1,	Mario & Thomas
12:30	Lunch	
14:00	Crystal Field and Charge Transfer theory	Frank
15:00	Break	
15:30	Exercises CTM4XAS, part 2	Mario & Thomas
17:00	(End)	

Day 2 – CTM4RIXS		
09:30	Introduction to Resonant Inelastic X-ray Scattering	Frank
10:30	X-ray Spectroscopy at SLAC	Dimosthenis
11:00	Break	
11:30	Exercises CTM4RIXS	Mario & Thomas
12:30	Lunch	
14:00	Exercises CTM4XAS and CTM4RIXS on contributed problems	Mario, Thomas & Frank
15:30	(End)	

Day 3 – CTM4DOC		
09:30	Applications of Hard X-ray RIXS	Thomas
10:00	Applications of Soft X-ray RIXS	Frank
10:30	Introduction to CTM4DOC	Mario
11:00	Break	
11:30	Exercises CTM4DOC	Mario & Thomas
12:30	Lunch	
14:00	Introduction to BlueprintXAS	Mario
15:00	Exercises CTM and BlueprintXAS on contributed problems	Mario, Thomas
15:30	(End)	