

# Schedule of "Beyond Rg: BioSAXS 2015" at Advanced Photon Source

Local contact: Xiaobing Zuo, 2-1553

Lecture: Bldg 400, Rm E1100-1200

Version 6-10-2015-DRAFT

Experiments at Beamlines:

5-ID-D(DND CAT), 12-ID-B (XSD), 18-ID-D (BioCAT)

		Mon 7/6/2015	Tue 7/7/2015	Wed 7/8/2015	Thu 7/9/2015
8 am	:00				
	:15				
	:30	Welcome, XSD division	Experimental Sessions		
	:45	Organizational items	(check with beamline scientist for exact schedule)	Sample Preparation Srinivas Chakravarthy	Time-resolved Irina Kosheleva
9	:00	SAS Theories and Applications Jan Ilavsky	beamline introduction		
	:15				
	:30			Methods for Multi-unit Complex Xiaobing Zuo	Fiber Diffraction Tom Irving
	:45				
10	:00	APS facilities overview Jan Ilavsky			
	:15				
	:30	Break		Break	Break
	:45				
11	:00	Instruments Soenke Seifert		Methods for Non-homogenous System Weifeng Shang	Applying for Beam Time Jan Ilavsky
	:15				Safety, ESAF, Bruce Glagola/Nena Moonier
	:30				
	:45				
12 pm	:00	Photo taking	beamline intro 14ID		
	:15				
	:30	Lunch (no host)	Lunch (no host)	Lunch (no host)	Lunch (no host)
	:45				
1	:00	Fundamentals of BioSAXS Xiaobing Zuo	beamline introduction	Software Overview Weifeng Shang	Software Practice(3) Weifeng Shang
	:15				(additional room: C4200)
	:30				
	:45				
2	:00	Break		Software Practice (2) Steven Weigand	
	:15				
	:30				
	:45				
3	:00	ab initio Methods Steven Weigand	beamline introduction	Break	Break
	:15				
	:30				
	:45				
4	:00	Software Practice (1) Steven Weigand			
	:15				
	:30				
	:45				

*Sponsors :*

X-ray Science Division, Advanced Photon Source, Argonne National Laboratory

