

WORKSHOP AGENDA:

Wednesday 9 th		
10:00 am	Presentation: <i>Workshop Introduction and Overview</i>	Kelly Nygren & Matthew Miller
10:30 am	Presentation(s): <i>Science Gateway and Galaxy Overview</i>	Mark Miller & James Johnson
11:00 am	Presentation: <i>CHESS Computing Overview</i>	Devin Bougie & Werner Sun
11:15 am	Break (5 min)	
11:20 am	Quick Breakout Session: <i>Biggest Roadblocks and Barriers to get X-ray data to PUBLICATION data</i>	Session Chair: Bob Suter
	Goal: Have community bring-up barriers early before demo	
11:50 am	Break (10 min)	
12:00 pm	Demonstration: <i>Interactive Galaxy Demonstration</i>	James Johnson & Mark Zhuang
1:00 pm	Adjourn	

Thursday 10 th		
10:00 am	First Impressions after Demonstration: Feedback and discussion with breakout rooms	Session Chair: Kate Shanks
Referring to day-before roadblocks identified – is this headed in the right direction?		
Forward looking Sessions Galaxy as a platform for <i>baseline</i> HEXRD workflows AND user-generated scripts to run on advanced computing resources		
10:45 am	Conversation Starters: <i>Community generated REAL workflows from select attendees</i>	
11:00 am	Breakout Session by science "flavor" (1) <i>Multi-modal experimental analysis (e.g. electron microscopy + X-rays on same data) / intragranular data analysis</i> (2) <i>X-ray + Simulation/ computational studies</i> (3) <i>Standard/Advanced X-ray Workflows</i>	Discussions around: <ul style="list-style-type: none"> • Common workflows (use "starters" to compare/contrast) • Biggest Barriers and Needs • Actionable Asks
11:50 am	Break (10 min)	
12:00 pm	Group Discussion to Synthesize Feedback and Address Goals	Session Chair: Jorge Vinals
1:00 pm	Adjourn	