

## TOPAZ Single Crystal Neutron Diffraction Workshop

*June 16 – 17, 2015*

**Tuesday, Jun 16, 2015**

**Bldg.8600, Room C-156**

<b>Time</b>	<b>Event</b>	<b>Speaker/Location</b>
8:30 – 9:00 am	Check in and Badge pick-up	Bldg. 8600, Lobby
9:00 – 9:10 am	WELCOME	Paul Langan
9:10 – 9:40 am	Opening Remarks	Christina Hoffmann
9:40 – 10:20 am	Introducing TOPAZ	Xiaoping Wang
10:20 – 10:30 am	<b>Morning Break</b>	
10:30 – 11:20 am	SHELXL refinement of small molecule structures against neutron data	George Sheldrick
11:20 – 12:00 am	Designing molecular magnets that exhibit magnetic bistability	Kim Dunbar
12:00 – 1:30 pm	<b>Working Lunch:</b> Overview of the NScD General User Proposal System	Laura Edwards
1:30 – 1:45 pm	<b>Group Photo</b>	SNS Lobby
1:45 – 3:00 pm	Beam line tours (TOPAZ)	Christina Hoffmann
3:00 – 3:15 pm	<b>Afternoon Break</b>	
3:15 – 5:00 pm	Hands-on data reduction and visualization	Xiaoping Wang
5:00 – 6:00 pm	Poster session and discussions	Bldg. 8600, Atrium
6:00 – 8:00pm	Poster session with heavy hors d'oeuvres	Bldg. 8600, Atrium

## TOPAZ Single Crystal Neutron Diffraction Workshop

*June 16 – 17, 2015*

**Wednesday, June 17, 2015**

**Bldg.8600, Room C-156**

Time	Event	Speaker/Location
9:00 – 9:05 am	Topics of the day	Xiaoping Wang
9:05 – 10:00 am	Application of Jana2006 to regular, modulated and magnetic structures	Václav Petříček
10:00 – 10:30 am	Reciprocal space mapping in 3-D	Christina Hoffmann
10:30 – 10:45 am	<b>Morning Break</b>	
10:45 – 11:30 am	TOPAZ and Twinning	Victor Young
11:30 – 12:00pm	Surface and bulk properties of the newly minted topological kondo insulator $\text{SmB}_6$	Adam Phelan
12:00 – 1:30 pm	<b>Working Lunch:</b> Discussion on new TOPAZ measurement capabilities	All
1:30 – 2:00 pm	Where neutrons are needed to help solve the structure	Shao-Liang Zheng
2:00 – 2:30 pm	Applications of single-crystal neutron diffraction	Silvia Capelli
2:30 – 3:20 pm	Hands-on data reduction and analysis	Xiaoping Wang
3:20 – 3:35 pm	<b>Afternoon Break</b>	
3:35 – 4:30 pm	Q&A	Christina Hoffmann
4:30 – 5:00 pm	Discussion and Report writing	Bldg. 8600, Rm. C-156
5:00 pm	Close – out, Adjourn	Xiaoping Wang