

McStas Tutorial

October 18-19, 2018
 Spallation Neutron Source, Building 8600, Room C-156

Agenda as of September 27, 2018

Event contact	Georg Ehlers, 865-206-0824 (mobile); ehlersg@ornl.gov	
Administrative Contact:	Talia Holder, 865-241-7667 (office); 865-680-1955 (mobile); holdertm@ornl.gov	
Time	Event	Place
Thursday, October 18, 2018		
8:30am – 9:00am	Introduction to the tutorial	
9:00am – 9:20am	Demonstration, tool overview	
9:20am – 9:40am	Source and monitor overview	
9:40am – 10:00am	Data formats, data normalization, do's and don'ts	
10:00am – 10:30am	Coffee Break	
10:30am – 11:00am	Optics Overview	
11:00am – 12:00pm	2-way split/ working session:	
	Reactor Specific	
	Pulsed Specific	
12:00pm – 1:00pm	Working lunch: Samples overview	

ORNL IS MANAGED BY UT-BATTELLE, LLC FOR THE US DEPARTMENT OF ENERGY

1:00pm – 2:30pm	3-way split/working session	
	Diffraction	
	Spectroscopy	
	Large Scale Structures	
2:30pm – 3:00pm	Coffee Break	
3:00pm – 4:30pm	2-way split/ working session:	
	Reactor specific	
	Pulsed specific	
Friday, October 19, 2018		
8:30am – 9:15am	iFit + McStas for atomistic + instrument simulation	
9:15am -10:00am	Jiao Lin on MCViNE	
10:00am – 10:30am	Coffee Break	
10:30am – 11:30am	McStas + Mantid interface, NeXus output	
11:30am – 12:00pm	3-way split: Add Mantid to your instrument	
12:00 – 1:00pm	Working Lunch: Illustration of the Union-components, complex sample/environment setups	
1:00pm – 2:30pm	3-way split Q&A/working session:	
	Diffraction	
	Spectroscopy	
	Large Scale Structures	

ORNL IS MANAGED BY UT-BATTELLE, LLC FOR THE US DEPARTMENT OF ENERGY

2:30pm – 3:00pm	Coffee Break	
3:00pm – 3:30pm	Polarisation and Larmour methods using McStas	
3:30pm – 4:00pm	How to continue yourself (web infrastructure, docs, support, bug reporting...)	
4:00pm – 4:30pm	Feedback and continue work	