2012 NXS School Experiment Schedule (ORNL)

	Triple Axis Spectrometer	Triple Axis Spectrometer	Powder Diffractometer	Four-Circle Diffractometer	Neutron Imaging Station	Small-Angle Diffractometer	Biological Small-Angle Diffractometer	Extended Q-Range Small-Angle Diffractometer	Nanoscale-Ordered Materials Diffractometer	Backscattering Spectrometer	High Pressure Diffractometer	Magnetism Reflectometer	Liquids Reflectometer	Engineering Materials Diffractometer	Powder Diffractometer	Wide-Angular Range Chopper Spectrometer
Facility	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS
Instrument Code	N1-a	N1-b	N2	N3	N4	N5-a	N5-b	N5-c	N6	N7	N8	N9	N10	N11	N12	N13
Instrument ID	HB-1A TAX	HB-3 TAX	HB-2A Powder Diff	HB-3A Four-Circle	CG-1D Imaging	CG-2 SANS	CG-3 Bio-SANS	BL-6 EQ-SANS	BL-1B NOMAD	BL-2 BASIS	BL-3 SNAP	BL-4A Mag Refl	BL-4B Liq Refl	BL-7 VULCAN	BL-11A POWGEN	BL-18 ARCS
Experiment ID	IPTS-7958	IPTS-7959	IPTS-7985	IPTS-7982	IPTS-7992	IPTS-7991	IPTS-7995	IPTS-7996	IPTS-7984	IPTS-7983	IPTS-7986	IPTS-7987	IPTS-7988	IPTS-7989	IPTS-7990	IPTS-7816
Instrument Scientist	Wei Tian	Andy Christianson	Ovi Garlea	Huibo Cao	Hassina Bilheux	Lilin He	Venky Pingali	William Heller	Joerg Neuefeind	Eugene Mamontov	Antonio dos Santos	Haile Ambaye	John Ankner	Ke An	Ashfia Huq	Matt Stone
Initial Meeting Location starting @ 1:15 p.m.	HFIR 7964K 29A		HFIR 7910 Conf Rm 22	HFIR 7962 108 Library	HFIR 7964K Rm 29B	HFIR 7917 108-A	HFIR 7917 108-B	SNS 8600 C-464	SNS 8600 Control Rm Overlook	SNS 8600 C-466	CNMS 8610 L-382 (Th-183)	CNMS 8610 L-282	CNMS 8610 G-82	CNMS 8610 L-182	SNS 8600 8600 Bridge Media Area	SNS 8600 C-152
Monday, AUGUST 20	Group J	Group P	Group B	Group E	Group D	Group C	Group L	Group H	Group A	Group O	Group I	Group G	Group N	Group M	Group F	Group K
Tuesday, AUGUST 21	Group I	Group L	Group A	Group D	Group E	Group F	Group P	Group G	Group B	Group N	Group J	Group H	Group O	Group K	Group C	Group M
Wednesday, AUGUST 22	Group F	Group O	Group M	Group H	Group G	Group I	Group N	Group E	Group K	Group P	Group C	Group D	Group L	Group B	Group J	Group A
Thursday, AUGUST 23	Group C	Group N	Group K	Group G	Group H	Group J	Group O	Group D	Group M	Group L	Group F	Group E	Group P	Group A	Group I	Group B
Reference Materials	Fe-Ga Reference Mtrls	Fe-Ga Reference Mtrls	Introduction to Powder Diffraction	HB-3A readme		SANS Basics	SANS Basics	SANS Basics		Protonic Ionic Liquid	High Pressure Phenomena	Tutorial	LR Technique 1	304L SS experiment (description)	Zipped files	ARCS materials
	Triple Axis Introduction		HFIR Powder Diffractometer	HB-3A Introduction		SANS Intro	SANS Intro	SANS Intro		Water Model Notes	Paris-Edinburgh Pressure Cell	Polarized-neutron reflectometry article	LR Technique 2	304L SS experiment (diagrams)		
			Magnetic Structures	"Single-Crystal Diffraction"		SAD	SAD	SAD		Water Model Spreadsheet	Water Phase Diagram		LR Experiment Part I	VDRIVE		
			Space Groups	LITHIOPHILITE–TRIPHYLITE		General Theory, Perod	General Theory, Perod	General Theory, Perod						Stress/Strain Measurement (description)		
						Analysis & Modeling, Pedersen	Analysis & Modeling, Pedersen	Analysis & Modeling, Pedersen								
						Contrast Matching Experiment	Contrast Matching Experiment									
						Macro-molecules, Mao	Macro-molecules, Mao	Macro-molecules, Mao								
						Wignall- JAC article							LR Experiment Part II			
Software Downloads*	Graffiti	Graffiti	FullProf	FullProf		IGORPro (trial)	IGORPro (trial)	IGORPro (trial)		DAVE	GSAS	Data Analysis Software			GSAS	
				Graffiti			GNOM				FullProf				FullProf	
Data Sets	Fe-Ga Data Sets	Fe-Ga Data Sets	NiO & Si Data Sets	Sample Data Sets		HFIR_Igor	HFIR_Igor	HFIR_Igor		Sample Data Sets (BASIS)	Brucite Data Sets		LR Data Analysis			
				LiFePO4 (CIF)												

** "Mac" versions for some tools may also be available.*