2023 NXS School Experiment Schedule

	Triple Axis Spectrometer	Triple Axis Spectrometer	Powder Diffractometer	Neutron Residual Stress Mapping Facility	WAND powder/single-crystal diffractometer	DEMAND Four-Circle Diffractometer	MARS & VENUS	Small-Angle Diffractometer	Biological Small-Angle Diffractometer	Hybrid Spectrometer	ARCS Spectrometer	Backscattering Spectrometer	VISION Vibrational spectrometer	Neutron Spin Echo Spectrometer	Nanoscale-Ordered Materials Diffractometer	Engineering Materials Diffractometer	Powder Diffractometer	Single Crystal Diffuse Scattering	TOPAZ Single-crystal Diffractometer	EQ-SANS	Magnetism Reflectometer	Liquids Reflectometer	High Pressure Diffractometer	SE High Temperature	SE Low Temperature, RUS	Data
Facility	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS
Instrument Code	N1-a	N1-b	N7	N8	N12	N13	N16	N17	N18	N2	N3	N4	N5	N6	N9	N10	N11	N14	N15	N19	N20	N21	N22	N23	N24	N25
Instrument ID	HB-1 PTAX	CG-4C CTAX	HB-2A Powder Diff	HB-2B HIDRA	HB-2C WAND[2]	HB-3A DEMAND	CG-1D MARS	CG-2 GP-SANS	CG-3 Bio-SANS	BL-14B HYSPEC	BL-18 ARCS	BL-2 BASIS	BL-16B VISION	BL-15 NSE	BL-1B NOMAD	BL-7 VULCAN	BL-11A POWGEN	BL-9 CORELLI	BL-12 TOPAZ	BL-6 EQ-SANS	BL-4A Mag Refl	BL-4B LIQREF	BL-3 SNAP	SE High T	SE Cage	N/A
Experiment ID	IPTS-7959.6	IPTS-7959.6	IPTS-30130.1	IPTS-27771.2	IPTS-21362.5	IPTS-9884.9	IPTS-31857.1	IPTS-30114	IPTS-9887	IPTS-30117.2	IPTS-27751.2	IPTS-9799.10	IPTS-21516.3	IPTS-19590.6	IPTS-9818.10	IPTS-30109.2	IPTS-9808.10	IPTS-21530.5	IPTS-12132.9	IPTS-27723.3	IPTS-9801.10	IPTS-9806.8	IPTS-9809.6	IPTS-30095.2	IPTS-30094.2	IPTS-31812.1
Meeting Rooms	Building 7962 library		Building 7996 Rm. 107	Building 7996, Rm. 113	Building 7996, Rm. 207	Building 7964K, Rms. 29A and B	Building 7917, Rm. 108A	Building 7918, Rm. 102	Building 7917 Rm. 108B	Bldg. 8600, Thu: Rm C-248, Fri: Rm C-152	Bldg. 8600, Rm AG-06	Bldg. 8600, Rm C-248	Bldg. 8600, Rm C-464	Thu: Bldg. 8700, Hutch, Fri: Bldg. 8600, Rm C-464	Bldg. 8600, Rm C-482	Bldg. 8600, Rm C-152	Bldg. 8600, Rm C-502	Bldg 8600, Rm C-156	Bldg. 8600, Tue: Rm C-502, Thu: Rm AG-05	Bldg. 8600, Rm AG-05	Bldg. 8600, Rm AG-06	Bldg. 8600, Rm AG07	Bldg. 8600, Rm J-337	Bldg. 8600, Rm C-250	Bldg. 8600, Rm AG-07	Bldg 8600, Rm C-156
Monday, August 7 1:00 - 5:30 PM																										
Tuesday, August 8 1:00 - 5:30 PM																										
Thursday, August 10 1:15 - 5:45 PM																										
Friday, August 11 8:30 AM - 12:30 PM																										
Reference Materials	BiFeO3 Sample Information	BiFeO3 Sample Information	HB2A materials	Residual Stress Mapping Basics	WAND2 xtal reduction	HB2A read me	Imaging material	SANS Basics	SANS Basics	Zaliznyak_2017_J._Phys		N8_BASIS_ip808102k.pdf		DrSpine Quick Guide	PDF_Hands_on_examples_2018.pdf		POWGEN solutions	Corelli-experiments.pptx	TOPAZ Experiment	SANS Basics					RUS abstract	
	Triple Axis Introduction	Triple Axis Introduction		HIDRA Instrument Paper	R2PdSi3 Information	Experiment Preparation		SANS Intro		PhysRev.181.920		Mamontov2019		Experiment NXS			POWGEN Examples	roth_2018.pdf	Crystal Plan	SANS Intro					RUS references	
					R2PdSi3 Neutron Proposal	Experiment Introduction		SAD		https://doi.org/10.1051/sfn/20141302002				Introduction to NSE				welberry_qbs18.pdf	TOPAZ Tutorial	SAD						
						HB-3A Instrument Paper		General Theory, Perod		resources\pssa.2211350204				JOVE paper				ye_2018.pdf		General Theory, Perod						
						Li(Mn,Fe)PO4 Information		Analysis & Modeling, Pedersen		Schweika_2010_J._Phys										Analysis & Modeling, Pedersen						
								Macro-molecules, Mao												Macro-molecules, Mao						
Software Downloads*	Graffiti	Graffiti	FullProf			FullProf		SasView Youtube Video	ATSAS			ICEMAN			PDFgui		GSAS II		JANA2020	IGORPro (trial)						
	DAVE	DAVE						SasView Help	BIOXTAS-RAW						Vesta				SHELX							
								SasView	SasView										TOPAZ Examples							
Data Sets						Sample Data Sets		Experimental Data				N8_BASIS_Data_Set.zip			NOMAD_Tutorial_Data.zip		Data list									