2022 NXS School Experiment Schedule (ORNL)

	Triple Axis Spectrometer	Triple Axis Spectrometer	Powder Diffractometer	WAND powder/single-crystal diffractometer	Four-Circle Diffractometer	Small-Angle Diffractometer	Biological Small-Angle Diffractometer	SE Soft Matter
Facility	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR
Instrument Code	N1-a	N1-b	N6	N7	N8	N15	N16	N24
Instrument ID	HB-1A FIETAX	HB3 TAX	HB-2A Powder Diff	HB-2C WAND^2	HB-3A Four-Circle	CG-2 GP-SANS	CG-3 Bio-SANS	SWC + CG-3 BioSANS
Experiment ID	ipts-7959	ipts-7959	ipts-30130	ipts-21362	ipts-9884	ipts-30114	ipts-9887	ipts-9887
Meeting Rooms	Bldg. 7962 library		Bldg. 7918, Rm. 102	Bldg. 7996, Rm. 207 (M), Bldg. 7996, Rm. 113 (TH + F)	Bldg. 7964K, Rms. 29A and B	Bldg. 7996, Rm. 107 (M+F), Bldg. 7918, Rm. 102 (T)	Bldg. 7996, Rm. 113	Bldg. 8630, Rm B102
Monday, July 11 1:00 - 5:30 PM								
Tuesday, July 12 1:00 - 5:30 PM								
Thursday, July 14 1:15 - 5:45 PM								
Friday, July 15 8:30 AM - 12:30 PM								
Reference Materials	Fe-Ga Alloy Information	Fe-Ga Alloy Information	HB2A materials	WAND2 xtal reduction	Experiment Preparation	SANS Basics	SANS Basics	Vesicle Viewer Paper
	Triple Axis Introduction	Triple Axis Introduction		R2PdSi3 Information	Experiment Introduction	SANS Intro		Vesicle Preparation and Characterization Paper
				R2PdSi3 Neutron Proposal	HB-3A Instrument Paper	SAD		
					Li(Mn,Fe)PO4 Information	General Theory, Perod		
						Analysis & Modeling, Pedersen		
						Macro-molecules, Mao		
Software Downloads*	Graffiti	Graffiti	FullProf		FullProf	SasView Youtube Video	ATSAS	Vesicle Viewer Software
	DAVE	DAVE			Graffiti	SasView Help	BIOXTAS-RAW	
						SasView	SasView	
Data Sets					Sample Data Sets	Experimental Data		

	Backscattering Spectrometer	Hybrid Spectrometer	VISION Vibrational spectrometer	SEQUOIA Spectrometer	Nanoscale-Ordered Materials Diffractometer	Engineering Materials Diffractometer	Single Crystal Diffuse Scattering	Powder Diffractometer	TOPAZ Single-crystal Diffractometer	TOF Imaging @ SNAP	EQ-SANS	Magnetism Reflectometer	Liquids Reflectometer	Neutron Spin Echo Spectrometer	SE High Pressure	SE High Temperature	SE Low Temperature, RUS
Facility	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS
Instrument Code	N2	N3	N4	N5	N9	N10	N11	N12	N13	N14	N17	N18	N19	N20	N21	N22	N23
Instrument ID	BL-2 BASIS	BL-14B HYSPEC	BL-16B VISION	BL-17 SEQUOIA	BL-1A NOMAD	BL-7 VULCAN	BL-9 CORELLI	BL-11A POWGEN	BL-12 TOPAZ	BL-3 SNAP	BL-6 EQ-SANS	BL-4A Mag Refl	BL-4B LIQREF	BL-15 NSE	SWC + BL-3 SNAP	SE High T	SE Cage
Experiment ID	ipts-9799	ipts-30117.1	ipts-12103	ipts-9817.6	ipts-9818.9	ipts-30109	ipts-21530.4	ipts-9808.9	ipts-12132.8	ipts-30149.1	ipts-27723.2	ipts-9801	ipts-9806.7	ipts-19590.5	ipts-30093	ipts-30095	ipts-30094
Meeting Rooms	Bldg. 8600, Rm AG05	Bldg. 8600, AG06 (Tue), C482 (Fri)	N/A	Bldg. 8600, Rm AG07	N/A	Bldg. 8600, Rm J337	Bldg. 8600, Rm C248	Bldg. 8600, Rm C502	Bldg. 8600, Rm C464	Bldg. 8600, Rm C-156	Bldg. 8600, Rm C-152	Bldg. 8600, Rm AG06	N/A	Bldg. 8600, Rm C250	Bldg. 8630, Rm B202	Bldg. 8600, C250 (Mon/Tue), C258 (Thu)	Bldg. 8600, Rm AG05
Monday, July 11 1:00 - 5:30 PM																	
Tuesday, July 12 1:00 - 5:30 PM																	
Thursday, July 14 1:15 - 5:45 PM																	
Friday, July 15 8:30 AM - 12:30 PM																	
Reference Materials	N8_BASIS_jp808102k.pdf	Zaliznyak_2017_J._Phys		SEQ Lecture PDF	PDF_Hands_on_examples_2018.pdf		Corelli-experiments.pptx	POWGEN solutions	TOPAZ Experiment	TOF_imaging_abstract	SANS Basics			DrSpine Quick Guide			RUS abstract
	Mamontov2019	PhysRev.181.920		SEQ procedure			roth_2018.pdf	POWGEN Examples	Crystal Plan	Imaging references	SANS Intro			Experiment NXS			RUS references
		https://doi.org/10.1051/sfn/20141302002		ZrH2 Ref			welberry_qbs18.pdf		TOPAZ Tutorial		SAD			Introduction to NSE			
		resources\pssa.2211350204					ye_2018.pdf				General Theory, Perod			JOVE paper			
		Schweika_2010_J._Phys									Analysis & Modeling, Pedersen						
											Macro-molecules, Mao						
Software Downloads*	ICEMAN				PDFgui			GSAS II	JANA2020		IGORPro (trial)						
					Vesta				SHELX								
									TOPAZ Examples								
Data Sets	N8_BASIS_Data_Set.zip			ZrH2 SEQ Results	NOMAD_Tutorial_Data.zip			Data list									