2019 NXS School Experiment Schedule (ORNL)

	Triple Axis Spectrometer	Triple Axis Spectrometer	Powder Diffractometer	WAND powder/single-crystal diffractometer	Neutron Residual Stress Mapping Facility	Four-Circle Diffractometer	Biological Single Crystal	Small-Angle Diffractometer	Biological Small-Angle Diffractometer	EQ-SANS	Backscattering Spectrometer	Nanoscale-Ordered Materials Diffractometer	TOF Imaging @ SNAP	Magnetism Reflectometer	Liquids Reflectometer	Single Crystal Diffuse Scattering	Powder Diffractometer	TOPAZ Single-crystal Diffractometer	Neutron Spin Echo Spectrometer	VISION Vibrational spectrometer	SEQUOIA Spectrometer	SE High Pressure	SE Cryostat	SE High Temperature
Facility	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	HFIR	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	HFIR	SNS
Instrument Code	N1-a	N1-b	N2	N3	N4	N5	N6	N7	N8a	N8b	N9	N10	N11	N12	N13	N14	N15	N16	N17	N18	N19	N20	N21	N22
Instrument ID	HB-1 PTAX	CG-4C CTAX	HB-2A Powder Diff	HB-2C WAND^2	HB-2B NRSF2	HB-3A Four-Circle	CG-4D IMAGINE	CG-2 SANS	CG-3 Bio-SANS	BL-6 EQ-SANS	BL-2 BASIS	BL-1B NOMAD	BL-3 SNAP	BL-4A Mag Refl	BL-4B LIQREF	BL-9 CORELLI	BL-11A POWGEN	BL-12 TOPAZ	BL-15 NSE	BL-16B VISION	BL-17 SEQUOIA	SE High Pressure	SE Cryostat	SE High Temperature
Experiment ID	IPTS-9865.4	IPTS-9883.4	IPTS-9864.6	IPTS-21362.2	IPTS-14663.3	IPTS-9884.7	IPTS-21525.2	IPTS-21537.3	IPTS-9887.6	IPTS-9820.6	IPTS-9799.7	IPTS-9818.7	IPTS-23686.1	IPTS-9801.7	IPTS-9806.6	IPTS-21530.2	IPTS-9808.7	IPTS-12132.6	IPTS-19590.3	IPTS-21516.2	IPTS-9817.5			
Instrument Scientist	Masa Matsuda	Tao Hong	Stuart Calder	Matthias Frontzek	Jeff Bunn	Bryan Chakoumakos	Flora Meilleur	Lisaa DeBeer-Schmitt	Venky Pingali	Changwoo Do	Eugene Mamantov	Joerg Neuefeind	Hassina Bilheux	Valeria Lauter	John Ankner	Feng Ye	Qiang Zhang	Christina Hoffmann	Laura Stingaciu	Luke Daemen	Matt Stone	Reini Boehler	Gary Lynn	Bekki Mills
Meeting Rooms	Bldg 7918, Rm 102		Bldg 7917, Rm 108B	Bldg 7962, Rm 108 (HFIR Library)	Bldg 7995, Rm 218	Bldg 7917, Rm 108A	N/A	Bldg 7964K, Rm 29B	Bldg 7910, Rm 22	Bldg 8600, Rm C248	Bldg 8600, Rm C502	N/A	Bldg 8600, Rm C482	Bldg 8600, Rm C464	Bldg, 8600, Rm J337	Bldg 8600, Rm C464	Bldg 8600, Rm AG06	Bldg 8600, Rm AG07	Bldg 8600, Rm C503	Bldg 8600, Rm AG05	Bldg 8600, Rm C250	Bldg 8630, SWC	Bldg 7964K, Rm 29A	N/A
Monday, June 17 1:30 - 5:00 PM				Subin Kim, Mitchel Vaninger, Sophia Chan, Abhi Raj	Danielle Hamann, Hyojin Park	Carlos Gerardo Torres Castanedo, Amani Ebrahim, Kelly Neubauer, Yuting Luo		Maalavan Arivu, Rhiannon Garrard, Le Ma, Matthew Li	Laisuo Su, George Yumnam, Andreas Mueller, Erik Binter		Jiaqi Yan, Thania Alexandra Ferreira Garcia, Rahul Shankar,	Maoyu Wang, Kaustav Chatterjee, Yi Qu, Sawankumar Patel	Chonghang Zhao, Thomas Rowe, Brandon Gunn,		Colin Harmer, Tyger Salters, Peco Myint,	Alexandra Koegel, Arun Ramanathan, Lazar Kish, Sikai Wu	Qiyuan Lin, Yi Cao, Aleksandra Vyatskikh, Valerie Garcia-Negron	Mekhola Sinha, Timothy Reeder, Nikki Wolford, Zhuo Li	Azeem Farinmade, Maninderjeet Singh, Zhiqiang Cao, Winnie Shi	Stefan Eres, Thilini Ekanayaka, Juanita Hidalgo	Guijie Sang, Xuesong Fan, Ashley Weiland, Loi Nguyen	Hassnain Asgar, Tyra Douglas, Madalynn Marshall		Judith Roth, Jessica Hong, Emily Skiba
Tuesday, June 18 1:30 - 5:00 PM	Yi Qu,Kelly Neubauer,Subin Kim	Arun Ramanathan,Tyger Salters,Thomas Rowe,Brandon Gunn		Stefan Eres,Zhiqiang Cao,Thilini Ekanayaka,Matthew Li	Zhuo Li,Aleksandra Vyatskikh,Valerie Garcia-Negron		Alexandra Koegel,Xuesong Fan,Le Ma,Sikai Wu	Jiaqi Yan,Guijie Sang,Hassnain Asgar,Rahul Shankar	Yi Cao,Loi Nguyen	Maalavan Arivu,Tyra Douglas,Hyojin Park	Azeem Farinmade,Mekhola Sinha,Rhiannon Garrard,Winnie Shi	Laisuo Su,Colin Harmer,Madalynn Marshall	Maoyu Wang,Kaustav Chatterjee,Lazar Kish		Carlos Gerardo Torres Castanedo,Maninderjeet Singh,Sophia Chan	Timothy Reeder,Judith Roth,Thania Alexandra Ferreira Garcia,Juanita Hidalgo	Amani Ebrahim,George Yumnam,Danielle Hamann,Sawankumar Patel		Mitchel Vaninger,Andreas Mueller,Erik Binter	Qiyuan Lin,Abhi Raj,Emily Skiba	Yuting Luo,Jessica Hong,Chonghang Zhao		Nikki Wolford,Ashley Weiland,Peco Myint	
Thursday, June 20 1:30 - 5:00 PM	Maoyu Wang,Kaustav Chatterjee,Amani Ebrahim,Danielle Hamann	Aleksandra Vyatskikh,Sawankumar Patel,Valerie Garcia-Negron	Yi Qu,Colin Harmer,Tyger Salters	Rhiannon Garrard,Qiyuan Lin,Andreas Mueller	Rahul Shankar,Emily Skiba			Azeem Farinmade,Zhiqiang Cao,Sophia Chan,Chonghang Zhao	Maninderjeet Singh,Thania Alexandra Ferreira Garcia,Arun Ramanathan,Yuting Luo	Juanita Hidalgo,Winnie Shi,Xuesong Fan,Stefan Eres	Hassnain Asgar,Madalynn Marshall,Peco Myint	Jessica Hong,Le Ma,Erik Binter,Thomas Rowe	Jiaqi Yan,Maalavan Arivu,Tyra Douglas	Carlos Gerardo Torres Castanedo,Laisuo Su,Thilini Ekanayaka,Subin Kim,Mitchel Vaninger	Alexandra Koegel,Nikki Wolford,Matthew Li		Mekhola Sinha,Guijie Sang,Hyojin Park,Abhi Raj	Ashley Weiland,Yi Cao,Loi Nguyen		Judith Roth,Zhuo Li	Timothy Reeder,Kelly Neubauer,George Yumnam	Lazar Kish,Sikai Wu,Brandon Gunn		
Friday, June 21 9 AM - 12:30 PM	Carlos Gerardo Torres Castanedo,Laisuo Su	Le Ma,Erik Binter	Maoyu Wang,Brandon Gunn,Peco Myint	Kaustav Chatterjee,Ashley Weiland,Tyra Douglas,Juanita Hidalgo	Nikki Wolford,Guijie Sang,Maalavan Arivu,Winnie Shi	Madalynn Marshall,Jessica Hong,Chonghang Zhao				Yi Qu,Amani Ebrahim,Kelly Neubauer,Valerie Garcia-Negron		Xuesong Fan,Tyger Salters,Sikai Wu,Emily Skiba	Hyojin Park,Aleksandra Vyatskikh,Sawankumar Patel	George Yumnam,Danielle Hamann,Yi Cao,Thomas Rowe	Mitchel Vaninger,Andreas Mueller,Abhi Raj		Hassnain Asgar,Thania Alexandra Ferreira Garcia,Loi Nguyen,Yuting Luo	Jiaqi Yan,Azeem Farinmade,Judith Roth,Maninderjeet Singh	Stefan Eres,Thilini Ekanayaka,Lazar Kish	Alexandra Koegel,Zhiqiang Cao,Rhiannon Garrard,Sophia Chan	Subin Kim,Arun Ramanathan,Colin Harmer		Mekhola Sinha,Timothy Reeder,Zhuo Li	Qiyuan Lin,Rahul Shankar,Matthew Li
Reference Materials	BiFeO3.pdf	BiFeO3.pdf	NXS_HB2A.zip	NXS_WAND_SCD.pdf		HB-3A Readme		SANS Basics	SANS Basics	SANS Basics	N8_BASIS_jp808102k.pdf	PDF_Hands_on_examples_2018.pdf				Corelli-experir	Data List	TOPAZ Experiment						
				PhysRevB		HB-3A Introduction		SANS Intro	SANS Intro	SANS Intro						roth_2018.pdf	POWGEN_Solutions	Crystal Plan						
				IPTS-21362.1		"Single-Crystal Diffraction"		SAD	SAD	SAD						welberry_gbs18.pdf								
						LITHIOPHILITE - TRIPHYLITE		General Theory, Perod	General Theory, Perod	General Theory, Perod						ye_2018.pdf								
								Analysis & Modeling, Pedersen	Analysis & Modeling, Pedersen	Analysis & Modeling, Pedersen														
								Macro-molecules, Mao	Macro-molecules, Mao	Macro-molecules, Mao														
Software Downloads*	Graffiti	Graffiti	FullProf	ICPW		FullProf		IGORPro (trial)	IGORPro (trial)	IGORPro (trial)	DAVE	PDFgui					GSAS II							
						Graffiti			GNOM			Vesta												
Data Sets						Sample Data Sets		HFIR_Igor	HFIR_Igor		N8_BASIS_Data_Set.zip	NOMAD_Tutorial_Data.zip					POWGEN_Examples	Sample data sets						
																	NAC-2015A.EXP							