



Plans for Fall 2020 | PIPOXS will conduct the fall 2020 run in two different modes—remote and mail-in operation—both of which entail the user remaining off-site. We will begin by focusing on XAS experiments of static, room temperature samples and will expand to more advanced XES and resonant experiments as we gain experience. Users should consult with beamline staff about which mode is best and specify this when they submit BTRs for the fall.

Remote | User sends samples to CHESS, CHESS staff mounts / changes sample and calibrates monochromator, user logs in remotely to control data collection and analyzes data with assistance from staff.

Mail-in | User sends samples to CHESS, CHESS staff handles experiment setup and data collection locally, ideally with input from user re: scan ranges / sample changes.

Priority	Experiment	Sample Environment	Incident Energy	Access Mode
1	XAS (transmission / fluorescence)	Static, room temp	5 – 16 keV	Remote / Mail-in
2	XES with DAVES (one-color)	Static, room temp	5 – 16 keV	Remote / Mail-in
		Static, cryogenic	5 – 16 keV	Mail-in only
3	HERFD XAS	Static, room temp	5 – 16 keV	Remote / Mail-in
		Static, cryogenic	5 – 16 keV	Mail-in only
---	XES (two-color)	---	5 – 16 keV	Not possible!