



Plans for Fall 2020 | FAST will focus on established high-energy diffraction capabilities for non-local users. X-ray measurements during *in-situ* mechanical loading with the RAMS2 load frame (uniaxial loading) will be targeted to be available for remote operation. |

Experiment	Use w/ RAMS2	Access Mode	Fraction of Time
High-energy Diffraction Microscopy (nf and ff)	Y	Remote / Mail-in option	50%
X-ray Powder Diffraction	Y	Remote / Mail-in option	25%
Micro- Computed Tomography	Y	Remote / Mail-in option	25%

Remote | User sends sample to CHESS, logs in remotely to choose temperatures and scan ranges, analyzes data with assistance from staff.

Mail-in | User sends samples to CHESS, staff handles data collection locally, user analyzes data with assistance from staff.