**SXR Parameter Table**

If multiple samples are planned, please add rows to the table and list all the samples proposed.

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| **Parameter Table for SXR Standard Configuration (XAS/Scattering)** |
| **Sample 1 Name** |  |  |
| **Desired measurement** | **XAS**[ ]  | **Small angle Scattering**[ ]  | **Comments** |
| **Sample system (SiN support, TEM grid, freestanding…)** |  |  |  |
| **Single-shot experiments?** |  |  |  |
| **Applied Magnetic field?** |  |  |  |
| **Sample cooling/warming**  |  |  |  |
| **X-RAY PARAMETERS** |  |  |  |
| **X-ray Energy Range (eV)** |  |  |  |
| **X-ray Energy Scanning?** | **Yes** [ ]  |  |  |
| **X-ray pulse duration (fs)**  |  |  |  |
| **X-ray focal spot size (µm)** |  |  |  |
| **Need monochromator?** | **Yes** [ ]  |  |  |
| **Delta Polarization Control** | **Yes** [ ]  |  |  |
| **Monochromatic bandwidth (ev)** |  |  |  |
| **X-ray beam time (# of shifts)** |  |  |  |
| **OPTICAL LASER PARAMETERS** |  |  |  |
| **Pump laser needed?** | **Yes** [ ]  | **No** [ ]  |  |
| **Wavelength (nm)** |  |  |  |
| **Pulse duration range (fs)** |   |   |  |
| **Maximum pulse energy (µJ)** |  |  |  |
| **Focal size (FWHM) (µm)** |  |  |  |
| **Polarization requirements?**  |  |  |  |
| **Minimum fluence on target (mJ/cm2)** |  |  |  |
| **TSS time tool needed?** | **Yes** [ ]  |  |  |