

BEAMLINE	SCIENTIFIC TOPIC	ENERGY RANGE <i>keV</i>	BEAM SIZE <i>H x V</i>	NOMINAL FLUX <i>ph/sec</i>	DETECTORS	SAMPLE ENVIRONMENT <i>& Beamline Support Labs</i>	TECHNIQUE
BM01 <i>SNBL (Swiss-Norwegian Beamlines)</i> SCIENTIST IN CHARGE Dmitry Chernyshov dmitry.chernyshov@esrf.fr	Chemistry	8 – 24	MIN 50 x 50 μm ²	10 ¹¹ <i>at 18 keV</i>	▪ Multipurpose PILATUS@SNBL diffractometer	▪ Temperatures (cryostat and blowers) : 5 - 1000 K ▪ Gas flow reaction cells ▪ Diamond anvil cells & gas pressure cells ▪ Electric field cells for crystals and films (0 - 18 kV/cm) ▪ Electrochemical battery cells, an array for 6 cells	Diffraction
	Materials processing		MAX 300 x 300 mm ²				Scattering
	Physics						