

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
BM20 <i>ROBL (The Rossendorf Beamline)</i> SCIENTIST IN CHARGE Kristina Kvashnina Kristina.kvashnina@esrf.fr	Chemistry	2.8 – 37	FOCUSED BEAM 20 x 50 μm ²	3 x 10 ¹³	<ul style="list-style-type: none"> ▪ 18 discrete-element Ge detector with CMOS preamps (Mirion) ▪ 7 discrete-element Si-DRIFFT detector with CMOS preamps (Mirion) ▪ Pilatus 100k ▪ Pilatus3 X 2M ▪ Ketek ▪ APD (Si drift diod) 	<ul style="list-style-type: none"> ▪ Sample positioner ▪ Cryostat (10 to 300 K) ▪ Cryostream ▪ Furnace (max 1200 °C) 	Diffraction
	Environmental Sciences & Geosciences		UNFOCUSED BEAM 10 x 2 mm ²				Scattering
	Physics		Spectroscopy				