BEAMLINE	SCIENTIFIC TOPIC	ENERGY RANGE keV	BEAM SIZE H x V	NOMINAL FLUX ph/sec	DETECTORS	SAMPLE ENVIRONMENT & Beamline Support Labs	TECHNIQUE
BM16 FAME-UHD (The French Absorption Spectroscopy Beamline in Material & Environmental Sciences at Ultra-High Dilution)	Biology	4.8 – 20	250 x 80 μm²	1 x 10 ¹²	 Crystal Analyser Spectrometer with SDD detector 	 Miniature continuous flow cryostat (4 – 300 K) HP vessel (1 - 2000 bar; 20 - 1500°C) HT reaction cell for operando characterizations (atm. Pressure; 20 - 1000°C) Remote controlled gas distribution 	Spectroscopy
	Chemistry						
	Environmental Sciences & Geosciences						
						systemCell for air sensitive samplesMass spectrometer	
SCIENTIST IN CHARGE Jean-Louis Hazemann hazemann@esrf.fr	Materials Processing					Beamline Support lab Sample preparation lab	