BEAMLINE	SCIENTIFIC TOPIC	ENERGY RANGE *keV*	BEAM SIZE *H x V*	NOMINAL FLUX *ph/sec*	DETECTORS	SAMPLE ENVIRONMENT *& Beamline Support Labs*	TECHNIQUE
BM28 *XMaS (UK CRG)* SCIENTIST IN CHARGE **Didier Wermeille** didier.wermeille@esrf.fr	Chemistry Cultural Heritage Materials processing Physics Soft Matter	2.035 – 41	**FOCUSED BEAM** **MIN** 10 x 10 μm^2 **MAX** 30 x 80 μm^2 **UNFOCUSED** 10 x 10 mm^2	10^{12}	▪ Avalanche photodiodes ▪ Si drift diodes ▪ Lambda 750 CdTe ▪ Pilatus3-S-1M ▪ Pilatus3 300k ▪ Maxipix 2x2 ▪ Ionisation chambers	▪ Temperature range: 1 – 600 K (1200 K on request) ▪ Magnetic field range: 0.1 - 4 T ▪ Electric field: up to 10 kV ▪ Electrochemical cell ▪ Gas chamber for spectroscopy ▪ GI-WAXS chamber with temperature control (up to 470 K) **Beamline Support labs** ▪ X-ray source lab ▪ Sample characterisation lab ▪ Sample preparation lab	Diffraction Scattering Spectroscopy