

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
<p>BM25 <i>SpLine (Spanish CRG Beamline)</i></p> <p>SCIENTIST IN CHARGE Juan Rubio Zuazo juan.rubio@esrf.fr</p>	<p>Materials processing</p> <p>Physics</p>	3 - 40	<p>MIN 50 x 50 μm^2</p> <p>MAX 5 x 2 mm^2</p>	5×10^{13}	<ul style="list-style-type: none"> ▪ 2x2 MaxiPix ▪ FOCUS HV-CSA electron energy analyzer ▪ VHR 3x1 X-ray camera ▪ 13-elements Si(Li) fluorescence detector 	<ul style="list-style-type: none"> ▪ Ovens ▪ Cryostats ▪ Gas reactors ▪ Pressure range: 10^{-10} - 5×10^3 mbar ▪ Temperature range: 40 – 1500 K <p>Beamline Support labs</p> <ul style="list-style-type: none"> ▪ Sample preparation lab ▪ PLD and MBE growth ▪ XPS/UPS/LEED ▪ MOKE ▪ Conductivity and MR 	<p>Diffraction</p> <p>Spectroscopy</p>