

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>BM08 <i>LISA (Italian Beamline for X-ray Absorption)</i></p> <p>SCIENTIST IN CHARGE Francesco D Acapito dacapito@esrf.fr</p>	<p>Chemistry</p> <p>Cultural Heritage</p> <p>Environmental Sciences & Geosciences</p> <p>Physics</p>	4 - 90	<p>MIN 0.2 x 0.2 mm²</p> <p>MAX 1 x 2 mm²</p>	10 ¹⁰ - 10 ¹¹	<ul style="list-style-type: none"> ▪ 12 elements HP-Ge (ORTEC) ▪ 4 elements SDD (ARDESIA) ▪ Total electron yield 	<ul style="list-style-type: none"> ▪ Pressure range: Ambient - 10⁻⁶ mbar ▪ MICROTOMO cell ▪ Diode laser for pump and probe ▪ Temperature range: 20 - 300 K <p>Beamline Support labs</p> <ul style="list-style-type: none"> ▪ Sample preparation lab 	Spectroscopy