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Present and future opportunities at BM25-SpLine at the ESRF

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The main goal of the interdisciplinary and multipurpose Spanish CRG BM25-SpLine beamline at the ESRF is to satisfy the needs of the use of synchrotron radiation in the region of hard X-rays of the Spanish scientific community, with a broad range of interests crossing very different research areas: physics, chemistry, materials science, biology, environmental sciences, and cultural heritage. The Spanish CRG BM25-SpLine beamline is dedicated to structural investigations using hard X-ray scattering mostly in materials science, specialized on the combination of diffraction and spectroscopy techniques.

With the advent of the new EBS-ESRF machine the beamline has been fully upgraded enabling state-of-the-art experiments using Grazing incidence X-ray Diffraction, Hard X-ray Photoelectron Spectroscopy and X-ray Absorption Spectroscopy techniques. The increase of brilliance offered by the EBS-ESRF and the upgraded optics and experimental stations enable high energy and angular resolution measurements with low acquisition times, being especially suitable for in-situ and in-operando experiments.

In this presentation, I will give an overview of the present and future capabilities of the BM25-SpLine beamline.

Would you like to participate in the Poster Prize competition?

No

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