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Key-note contribution "Technical capabilities, developments and upgrade plans of SpLine, the Spanish CRG BM25 beamline at the European Synchrotron Radiation Facility"

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The Spanish CRG BM25 SpLine Beamline is located at the bending magnet 25 of the ESRF, the European Synchrotron in Grenoble France. The beamline is split in two branches: A and B and is dedicated to structural and electronic investigations using hard X-ray techniques mostly in materials science and is specialized on X-ray absorption spectroscopy (XAS), hard X-ray photoemission spectroscopy (HAXPES) and X-ray diffraction techniques (GIXRD, XSD, XRR, HRPD and SC).

In this talk, initially, I will present a review of the technical capabilities, recent improvements and developments of the beamline. In a second part, a short review of the beamline statistics concerning users and scientific output will be exposed. And finally, I will give an outlook and forecast about the SpLine future plans in view of the ESRF phase II upgrade program.

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