Soft X-ray Spectroscopy of Solids

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The undulator beamline BL25SU is constructed to be dedicated to the studies of the electronic states and surfaces geometrical structures of solids. High precision spectroscopies such as photoemission, photoelectron diffraction and magnetic circular dichroism with circularly polarized soft xray is promoted in this beamline.

The construction of the beamline in the experimental hall began in early 1998 starting from a radiation shielding huch and almost completed at present. In Fig. 1 we show the overall view of the beamline. Practical test of these instruments has been carried out for the commissioning in February 1998.



Fig. 1. An overall view of the BL25SU.