

Upgrade programme for the Structural Biology beam lines at the ESRF

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The renewed MX beamline suite will provide an integrated infrastructure for Macromolecular Crystallography (MX), providing beam sizes from < 1 mm (ID23-2) to 200 mm (ID30B) with the possibility of matching sample and beam shape for the larger focal spot sizes. The creation of a unique crystal screening facility (MASSIF) will provide the MX community with unparalleled opportunities to evaluate even the most challenging samples and make these projects routine rather than unusual. Inclusion of the Protein Solution Scattering beamline will promote synergy with the Soft Condensed Matters group and will extend the base of Structural Biology techniques accessible at the ESRF.