Upgrade programme for the Structural Biology beam lines at the ESRF

Christoph Müller-Dieckmann Structural Biology Group, ESRF, Grenoble, France

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 the unique crystal screening facility will provide the MX community with unparalleled opportunities to evaluate even the trickiest MX samples. 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.