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## **MS3 - the always-online on-axis in-situ Raman, Absorption, and Fluorescence Microspectrophotometer of the Swiss Light Source MX beamlines**

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The new unified diffractometer for the three macromolecular crystallography beamlines of the Swiss Light Source (SLS) –the D3 –has recently been installed at beamline X10SA.

A core component of this new endstation is the on-axis micro-spectrophotometer MS3 for microscopic sample imaging with one micron image resolution. For combined spectroscopy and diffraction measurements, its multi-mode optical spectroscopy module is always online and supports in-situ UV/Vis absorption, fluorescence and Raman spectroscopy.

Adjacent to the beamline is the off-line SLS SpectroLab Facility, with an additional complete microspectrophotometer-goniometer system to complement the online system for preparatory measurements not requiring X-irradiation.

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