SasView Tutorial

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SasView is an open source project to provide data analysis for small-angle scattering. SasView reads most common 1D data formats and reads reduced 2D formats produced by various reduction packages including Mantid. SasView provides several tools for modeling SANS data. About 90 models are available to fit 1D data. Several of those models can also be used to analyze non-azimuthally symmetric 2D data. Wedges tools can also be applied to 2D data to compute I(Q). Although SasView has mostly been focused on modeling, it also offers other tools such as a P(r) calculator, an SLD calculator and image processing tools. In this tutorial, we will look at the main features of SasView and highlight some of the recent improvements of version 4.1. Attendees are encouraged to bring their BioSANS, GPSANS, and EQSANS data to the tutorial.