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News & highlights

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This talk will cover new developments from the Data department in addition to highlighting notable achievements in 2025. The past year saw many new additions to our data analysis software suite, EXtra. There is now a new GUI interface (extra.gui) which features a graphical tool to calibrate 2D spectrometers in Jupyter and a couple of widgets for ROI and peak selection. Another big addition is the extra.applications module where multi-step specialized analyses built on the EXtra library can be implemented; the calibration of the photo-electron spectrometer is such an application. The talk will also discuss many more smaller changes (some of them break backward compatibility), and new helper functions for plotting and more. Another new development is the release of the web interface of the DAMNIT, our interactive experiment overview tool. The talk will also give a quick overview of the policy along with the newly created data local contact (DLC) role. Finally, the talk will cover some highlights from experiments as well as from data science and machine learning activities in the department.

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