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PUMA: thermal triple-axis spectrometer equipped with multi-analyzer and unique polarization option

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In addition to the “normal triple axis” mode, PUMA is equipped with the multi-analyzer setup consisting of 11 arbitrarily configurable analyzer-detector channels suited for kinetic experiments to realize an entire (Q,E)-scan in a single shot. Moreover, the same setup can be used also for polarization experiments to determine the spin flip and the non-spin flip components simultaneously at the same state of the sample. I will present the current status of PUMA with the multi-analyzer setup.

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