**Automated data processing using Mantid at the SNS**

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With the increased data rates of newer time-of-flight neutron spallation sources processing data is becoming a bottleneck in the experiment, especially for traditionally high-throughput instruments such as powder diffraction and small angle scattering. The additional feature of these instruments is that the data reduction generally can be configured before the data is acquired. This paper will present how data from instruments at the Spallation Neutron Source (SNS) is automatically reduced at the end of each run using the Mantid software package[1] and then made accessible to users.

**References**

[1] [www.mantidroject.org](http://www.mantidroject.org)

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