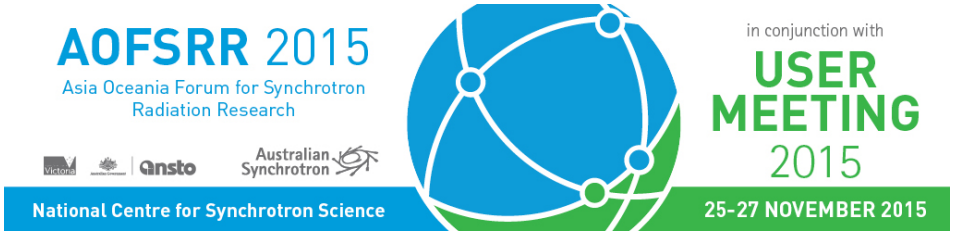

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Computing developments and tools supporting beamline science at the Australian Synchrotron

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The Scientific Computing and IT group at the Australian Synchrotron develops software tools to support beamline science, maximise the user experience and accelerate the scientific outcomes of their beam time. Our suite of open source tools facilitate better and more streamlined data collection integrated with automatic and real-time processing, the results of which can inform decisions about further data collection during the user's beam time, optimizing the data they can collect at one visit. In addition, we have developed stand-alone data analysis workflow tools designed for processing and analysis of data, both at the facility and post-experiment at the user's home institute.

Keywords

Computing

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