

## Recent highlights from the PELICAN spectrometer

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The PELICAN instrument is a cold-neutron time-of-flight spectrometer located at the Australian Centre for Neutron Scattering. The spectrometer has been in continuous user operation for the past five years. The instrument capabilities range from the study of quasi-elastic neutron scattering with a best resolution of 65  $\mu\text{eV}$ , to the rapid measurement of phonon density of states. The instrument is well equipped for sample environment with our standard cryofurnace capable of measuring from 1.5 K to 800 K. While more complex sample environments such as gas sorption, light irradiation, electric fields and dilution temperatures have been commissioned and are in frequent use. In this contribution we shall give an overview of recent scientific highlights from PELICAN.

### Speakers Gender

### Travel Funding

No

### Level of Expertise

Expert

### Do you wish to take part in the poster slam

No

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**Session Classification :** Welcome Function