

WASP the wide angle neutron spin echo instrument

Neutron Spin Echo (NSE) instruments are the highest energy resolution neutron spectroscopy instruments. WASP the Wide Angle Spin echo is the youngest member of this family. WASP's magnetic configuration is unique, it is the single functioning instrument of its kind. After four cycles of user operation the first results were published. It will be shown on practical examples how the very wide angle coverage and high intensity of this flagship instrument opens new science areas for exploration. Since the instruments capabilities are a mixture of the capabilities of Back Scattering Time of Flight and Neutron Spin Echo instruments, the science cases are also varied. We

Hopefully these examples will inspire you to attend the HIRES workshop at ILL to explore how Neutron Spin Echo can be used in synergy with other measurement techniques.

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