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The Neutron Spin Echo Spectrometer J-NSE “PHOENIX”

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The Neutron Spin Echo Spectrometer (J-NSE) ‘PHOENIX’ enables the study of slow dynamic processes such as the fluctuations of biological membranes and the internal domain motions of proteins. With its superconducting main precession coils and optimised field shape, it is one of the most advanced NSE instruments available. Recent developments to the instrument include the installation of a robotic system for changing samples and apertures. Scientific results published recently will be presented. The prospects for experiments at the J-NSE ‘PHOENIX’ after the restart will be discussed.

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