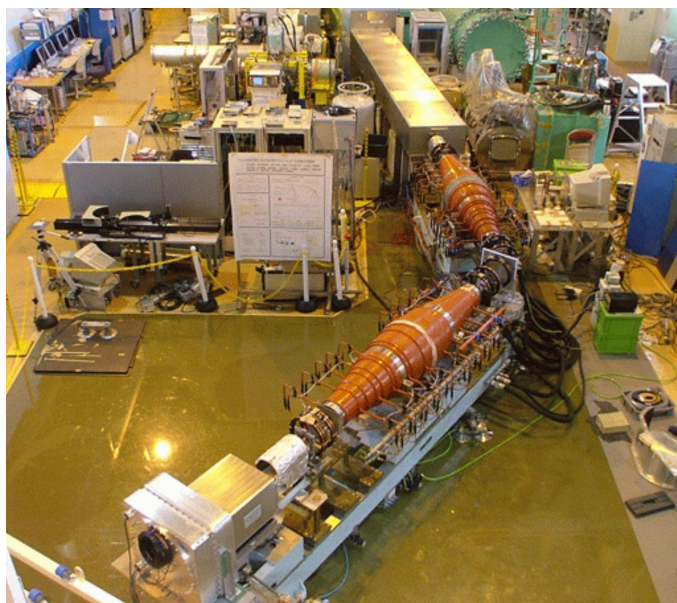




C2 iNSE (ISSP Neutron Spin Echo Spectrometer)

**Nanosecond-order collective dynamics in structures
ranging from a few to hundred nanometers**



Neutron beam	Beam size: 4 cm x 2 cm Wavelength: $4.5 < \lambda < 15.1 \text{ \AA}$ Wavelength resolution: $\Delta\lambda/\lambda = 10 \%$
Performance	Maximum field integral: 0.22 Tm Fourier time: $0.02 < t < 141 \text{ ns}$ $0.16 < t < 50 \text{ ns}$ in standard setup Momentum transfer: $0.019 < Q < 1.5 \text{ \AA}^{-1}$ $0.03 < Q < 0.2 \text{ \AA}^{-1}$ in standard setup
Detector	^3He multi-wire detector Effective area: $32 \times 32 \text{ cm}^2$ Data array: 64×64 pixels
Polarizer	Magnetic supermirror bender with $m = 2.5$
Analyzer	$30 \times 30 \text{ cm}^2$ multi-channel magnetic supermirror



Please consult with the instrument responsible in advance regarding the available range of momentum transfer, Q and Fourier time, t .

Web site: <http://www.issp.u-tokyo.ac.jp/labs/neutron/inst/NSE>