

Resonant Elastics and Inelastic X-ray Scattering Beamline (REIXS) Layout

Source	APPLE II type EPU
Monochromator	VLS-PGM - 3 gratings (Au LEG, Au HEG, Ni LEG) - 4 mirror coatings (C, Au, Ni, Si)
Energy Range	95 – 2000 eV
Resolution	5×10^{-5} @ 100 eV, 1.3×10^{-4} @ 1000 eV
Photon Flux	1×10^{12} @ 100 eV, 5×10^{11} @ 1000 eV
Polarization	Linear, Circular (below 1500 eV)
Endstations	RIXS and RSXS (automated switching)

