

Sn-119 Nuclear Resonant Scattering Program at Advanced Photon Source Sector 30
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In 2014, Sn-119 nuclear resonant scattering program at Advanced Photon Source moved from Sector 3 to Sector 30 for the much better flux there, providing enhanced performance for Sn NRS studies.

It shares the same undulators and high-resolution monochromator with the high energy-resolution inelastic x-ray scattering (HERIX) program already at Sector 30. Since 2015, general user proposals (GUPs) have been accepted and experiments conducted with continuing and guaranteed beamtime allocation each APS run cycle. Overview of the instrumentation and research done will be presented, as well as some perspectives for development.