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## Technique Development Beamlines at the High Flux Isotope Reactor

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The neutron optics and polarization team operates development beamlines at the High Flux Isotope Reactor. The newest is the "Larmor" polarization development beamline at the CG4B guide position, commissioned in 2018. The first experiment on this beamline imaged He ions in turbulent flow. Measurements in the near future will include tests of resonant spin echo with superconducting rf flippers, and dynamical nuclear polarization with small angle neutron scattering. The HB-2D polarized component beamline has hosted measurements using Modulated Intensity with Combined Effort, preliminary tests of neutron Wollaston prisms, and will soon host spherical polarimetry tests. HFIR also hosts a detector development beamline at the CG1A guide position. These beamlines provide ongoing support for instrumentation developments at both the Spallation Neutron Source and HFIR, as well as technique demonstration for future instruments.

Primary author: CROW, Lowell (Neutron Technologies Division, ORNL)Presenter: CROW, Lowell (Neutron Technologies Division, ORNL)Session Classification: Instruments

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