

## **Soft X-ray Nanoprobe Beamline at NSLS-II – a new soft x-ray beamline for STXM and ptychography techniques**

Wen Hu, NSLS-II

The Soft X-ray Nanoprobe (SXN) beamline is part of the DOE funded NEXT-II project to deliver 3 additional “best-in-class” imaging beamlines to NSLS-II. It will offer researchers state-of-the-art soft x-ray nano-imaging and spectroscopy tools with world-leading coherent high photon flux in the energy range from 250 eV – 2500 eV and full polarization control. An overview of the design and status of the SXN beamline will be presented.