The Imaging Suite currently hosts cutting-edge microscopy instrumentation including transmission electron microscopes with cryo capabilities (cryoTEM, S/TEM), as well as a scanning electron microscope with focused ion beam functionality (SEM/FIB) and a super-resolution confocal stimulated emission depletion microscope (STED).

The facility allows for advanced imaging of materials and biological samples, including semi-automated data collection for single particle 3D reconstruction, chemical mapping by energy-dispersive x-ray spectroscopy (EDX), live cell imaging, and advanced FIB applications.

The facility welcomes users from CUNY and other institutions regardless of academic level, in addition to start-up companies and industry.

For more information: asrc.cuny.edu/imaging-suite