



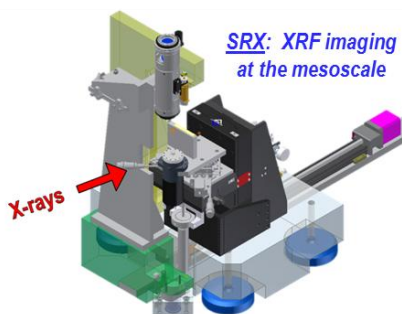
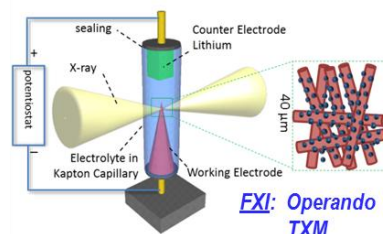
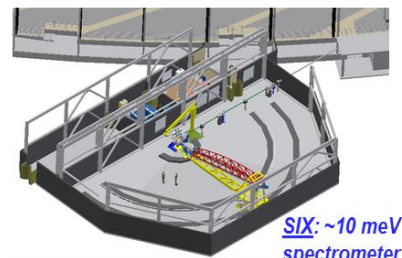




# NSLS and NSLS-II

## Future Prospects

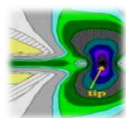
- **Complexity and Dynamics:**
  - Strategic Objective 1: NSLS-II will develop world-leading high-spatial-resolution nanoprobe, high-coherent-flux coherent scattering, and high-energy-resolution inelastic scattering capabilities to meet the research needs
- **In-situ Functional Systems:**
  - Strategic Objective 2: NSLS-II will leverage its strengths and the existing expertise in the scientific and industrial community to develop novel and world-class in-situ and in-operando capabilities to meet the research needs on functional systems
- **Mesoscale & Multiscale Science:**
  - Strategic Objective 3: NSLS-II will develop a set of most-advanced, correlative, multi-scale structural and chemical imaging capabilities as well as theoretical and modelling tools to meet the research needs in mesoscale and multiscale sciences.



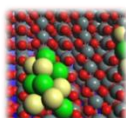
## Science Portfolio at NSLS-II



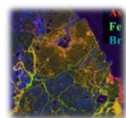
Emergent Behavior from Complexity



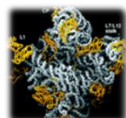
Mastering Materials Discovery & Processing



Catalysis and Energy Science



Environment and Climate Science



Structures and Functions of Life

