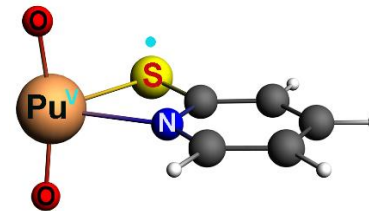
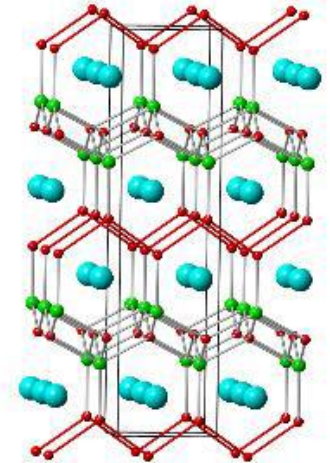


Center for Actinide Science & Technology (CAST)

Thomas E. Albrecht-Schmitt (Florida State University); Class: 2016-2020

MISSION: To advance our understanding of how electronic structure and bonding control the properties of radioactive materials. This knowledge will aid in the development of nuclear technologies that enhance energy security, address nuclear legacy issues, and foster the next generation of nuclear scientists.



<https://cast.magnet.fsu.edu/>

RESEARCH PLAN

CAST develops new materials that capture radionuclides found within legacy waste from the Cold War. Optimization of these materials requires advances in synthesis, characterization, and theory that provide a deep understanding of the origin of the unusual properties of these nuclear materials.



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