

Welcome to SURS 2020!

What is STROBE?

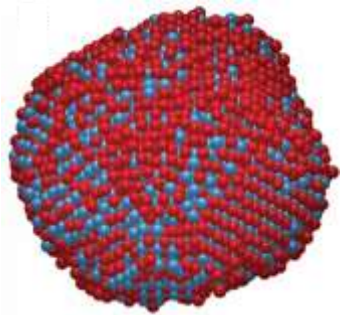
Building the Microscopes of Tomorrow

Solving imaging science grand challenges through collaboration and teamwork

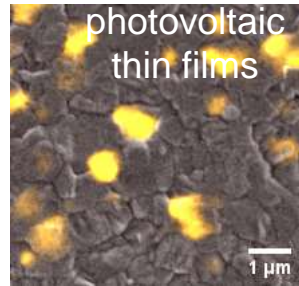
Training the 21st century STEM workforce



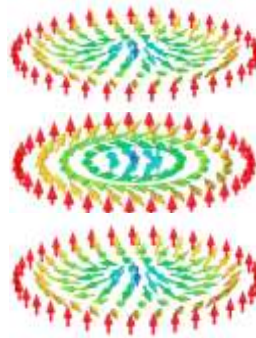
Unique multiscale multimodal imaging



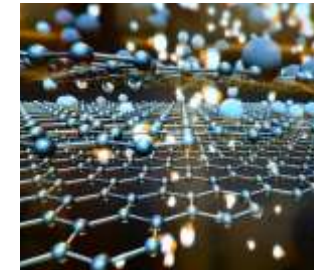
Non-crystalline materials



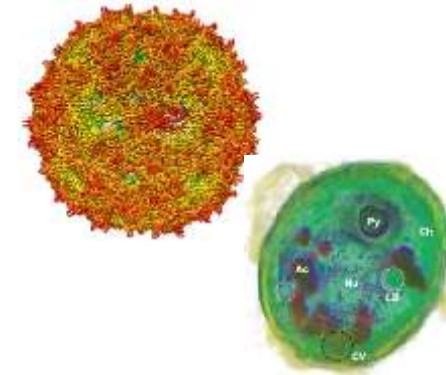
Functional molecular materials



Magnetic materials



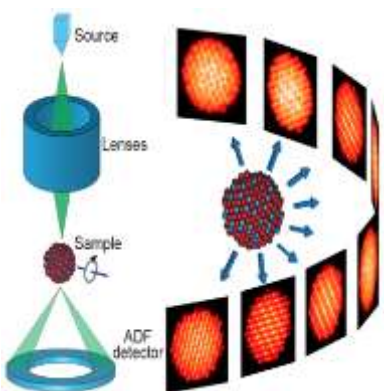
2D and layered materials



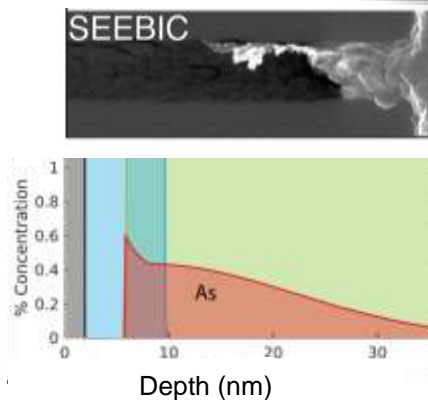
Bio materials

- Atomic electron tomography
- Low dose, multiple scattering algorithms
- SEEBIC
- Complex EUV imaging
- Nano-imaging
- Vector CDI
- Structured illumination
- STROBOSCAT
- Nano-enhanced imaging
- Dynamic EUV scatterometry
- SMART sNOM
- Machine-learning

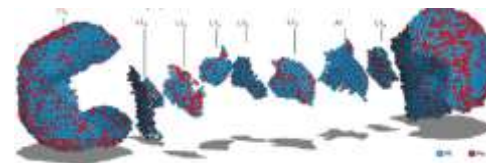
New tools & methods



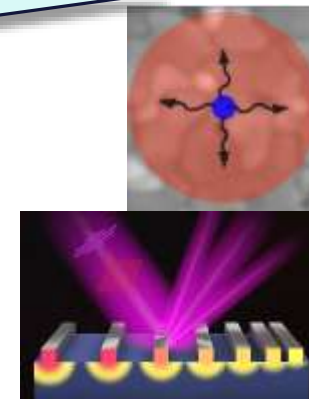
3D structure of non-crystalline materials



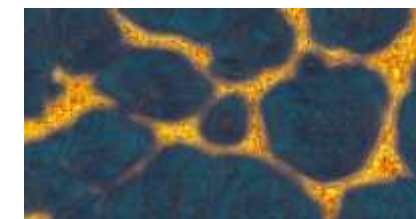
Interfacial structure, morphology



Static/Dynamic Phases, Structure and Transitions



Transport Properties, Boundaries



Structure to Function

Introductions

Upcoming Events

Wednesday, June 10, 1pm PDT, 2pm MDT, 3pm CDT, 4pm EDT

Graduate student panel

Monday, June 15, 1pm PDT, 2pm MDT, 3pm CDT, 4pm EDT

Social event! (suggestions for Zoom socializing welcome!)

Wednesday, June 17, 1pm PDT, 2pm MDT, 3pm CDT, 4pm EDT

Video editing workshop