

2025 STS Workshop at SHUG Meeting

August 14, 2025

Crowne Plaza Hotel, Downtown Knoxville

Administrative Support: Talia Dix, 865-680-1955 (cell), holdertm@ornl.gov

Time (EDT)	Event/Activity	Lead
Thursday, August 14, 2025		
8:30am – 9:15am	Working Breakfast: Introduction and updates on the Grand Challenges for STS	Alan Tennant, University of Tennessee
9:15am – 10:00am	STS Updates and Instrument Selection	Ken Herwig, Oak Ridge National Laboratory
10:00am – 10:20am	Quantum Materials Theme: What Unique Studies Can STS Be Used For?	Collin Broholm, Johns Hopkins University
10:20am – 10:50am	Coffee Break	
10:50am – 11:10am	Materials and Engineering Theme: What Unique Studies Can STS Be Used For?	Janelle Wharry, University of Illinois, Urbana-Champaign
11:10am – 11:30am	Chemistry and Environmental Science Theme: What Unique Studies Can STS Be Used For?	Katharine Page, University of Tennessee
11:30am – 11:50 am	Biological Materials and Human Health Theme: What Unique Studies Can STS Be Used For?	Jon Nickels, University of Cincinnati
11:50am – 12:10pm	Soft Matter and Polymers Theme: What Unique Studies Can STS Be Used For?	Angela Pitenis, University of California, Santa Barbara
12:10pm – 1:00pm	Working Lunch - Talk and Discussion: What unique studies can STS be used for?	Georg Ehlers, Oak Ridge National Laboratory
1:00pm – 1:25pm	SANS Suite Instrument Concepts for STS	Shuo Qian, Oak Ridge National Laboratory
1:25pm – 1:50pm	Diffraction Suite Instrument Concepts for STS	Yaohua Liu, Oak Ridge National Laboratory
1:50pm – 2:15pm	Reflectometry Suite Instrument Concepts for STS	John Ankner, Oak Ridge National Laboratory

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Time (EDT)	Event/Activity	Lead
2:15pm – 2:35pm	Coffee Break	
2:35pm – 3:20pm	Group Discussion and Final Comments	Alan Tennant, University of Tennessee / Roger Pynn, Indiana University