2026 SCALE Users' Group Workshop
Presented Virtually from Oak Ridge National Laboratory via Microsoft Teams
June 8–12, 2026

DRAFT AGENDA

As of 04/29/2026

Event Contacts: Germina Procop procopg@ornl.gov; Lisa Fassino reedke@ornl.gov; Will Wieselquist wieselquiswa@ornl.gov

Monday, June 8, 2026, 8:00 am–2:30 pm (Eastern Daylight Time)	
Event/Time	**Moderator/Presenter**
Tutorial Session (8:00–9:25 am) Frequent Fulcrum Functions: The Basics of SCALE's Graphical User Interface	Rob Lefebvre (ORNL) Steve Skutnik (ORNL)
Tutorial Session (9:30–10:55 am) SCALE Utilities for Nuclear Data Interrogation, Comparison, and Visualization	Jesse Brown (ORNL) Jordan McDonnell (ORNL)
Introductions/Welcome (11:00–11:05 am)	
Technical Session (11:05 am–12:55 pm) Special Session - Invited SCALE Users Talks	Lucas Kyriazidis (U.S. Nuclear Regulatory Commission) Shane Hart (Organisation for Economic Co-operation and Development - Nuclear Energy Agency) Dongok Choe (Idaho National Laboratory) Tracy Stover (Savannah River Nuclear Solutions, LLC) Matt Lund (Idaho National Laboratory)
Tutorial Session (1:00–2:30 pm) Fulcrum Data and Geometry Visualization	Rob Lefebvre (ORNL) Steve Skutnik (ORNL)

Tuesday, June 9, 2026, 8:00 am–2:30 pm (Eastern Daylight Time)	
Event/Time	**Moderator/Presenter**
Tutorial Session (8:00–9:25 am) Activation Analysis with ORIGEN/MAVRIC for Advanced Reactors	Cihangir Celik (ORNL) Georgeta Radulescu (ORNL)
Tutorial Session (9:30–10:55 am) Molten Salt Reactor Analysis with SCALE	Donny Hartanto (ORNL) Rike Bostelmann (ORNL)
Technical Session (11:00 am–12:55 pm) SCALE Open Mic	
Tutorial Session (1:00–2:30 pm) MAVRIC Long-Distance Statistics for Activation	Cihangir Celik (ORNL) Georgeta Radulescu (ORNL)

Wednesday, June 10, 2026, 8:00 am–2:30 pm (Eastern Daylight Time)	
Event/Time	**Moderator/Presenter**
Tutorial Session (8:00–9:25 am) ORIGEN Reactor Library Generation with Polaris	Steve Skutnik (ORNL)
Tutorial Session (9:30–10:55 am) Nuclear Data Uncertainty Quantification with Sampler for HALEU/HBU LWR	Ugur Mertyurek (ORNL) Rike Bostelmann (ORNL)
Technical Session (11:00 am–12:55 pm) Best SCALE Model Contest	
Tutorial Session (1:00–2:30 pm) Sampler for Nuclear Criticality Safety Applications	Travis Greene (ORNL)

Thursday, June 11, 2026, 8:00 am–2:30 pm (Eastern Daylight Time)	
Event/Time	**Moderator/Presenter**
Tutorial Session (8:00–9:25 am) Modeling of TRISO Fuel with SCALE	Rike Bostelmann (ORNL) Donny Hartanto (ORNL)
Tutorial Session (9:30–10:55 am) VADER for Criticality Safety Validation	Lisa Fassino (ORNL) Alex Shaw (ORNL)

Event/Time	Moderator/Presenter
Technical Session (11:00 am–12:55 pm) SCALE 7.0 Features • Sphere Packing in Complex Geometries (Ghaddar) • ORIGEN SDFs and E Sensitivity Index (McDonnell) • TRITON Enhancements (Bostelmann) • XS Recipes (Brown) • Fuel Cycle Estimator (Skutnik) • Hybrid Parallelism in SCALE-Shift Sequences (Bekar)	Tarek Ghaddar (ORNL) Jordan McDonnell (ORNL) Rike Bostelmann (ORNL) Jesse Brown (ORNL) Steve Skutnik (ORNL) Kursat Bekar (ORNL)
Tutorial Session (1:00–2:30 pm) Accessible Data Files in SCALE and How to Use Them: II.JSON and CSV	Steve Skutnik (ORNL) Yves Robert (ORNL)

Friday, June 12, 2026, 8:00 am–2:30 pm (Eastern Daylight Time)	
Event/Time	**Moderator/Presenter**
Tutorial Session (8:00–9:25 am) Decay Heat and Source Terms Analysis with SCALE	Germina Procop (ORNL) Yves Robert (ORNL)
Tutorial Session (9:30–10:55 am) Similarity Assessment Workflow for Nuclear Criticality Safety	Lisa Fassino (ORNL)
Technical Session (11:00 am–12:55 pm) SCALE Team Highlights • SCALE Resources You May Not Know About (Fassino) • PROTEUS Modeling/Validation (Hartanto) • Nuclear Data Impacts on Nuclide Inventory and Decay Heat for PBR Spent Fuel (Elzohery) • Decay Heat and Nuclides Important for Advanced Reactors (Robert) • SCALE Shielding Calculations for Advanced Reactor Accident Scenarios (Radulescu) • Simplifying Multi-Level Parallelism Through Pre-Built Apptainer Distributions (Lefebvre)	Lisa Fassino (ORNL) Donny Hartanto (ORNL) Rabab Elzohery (ORNL) Yves Robert (ORNL) Georgeta Radulescu (ORNL) Rob Lefebvre (ORNL)
Tutorial Session (1:00–2:30 pm) Sensitivity Analysis Capability in ORIGEN	BK Jeon (ORNL) Yves Robert (ORNL)