Summer 2011, Hollywood, FL

Technical Sessions

Listed below are the sessions and papers that were presented at the meeting.

Data, Analysis, and Operations for Nuclear Criticality Safety - I

Influence of the Density Law on Various Fissile Single Unit and Array Storage Methods, Song T. Huang (LLNL)

Optimum UO2 Particle Size Determination Using GEMER Monte Carlo Code, Davoud Allen Eghbali, James DeGolyer (GNF)

Statistical Coverage Concerns in a Revised "k-Effective of the World" Problem, Brian C. Kiedrowski, Forrest B. Brown (LANL)

The Los Alamos National Laboratory Criticality Safety Information System, Thomas H. Jones (LANL)

MCNP5-1.60 Release and Verification, Forrest B. Brown, Brian C. Kiedrowski, Jeffrey S. Bull (LANL), Matthew A. Gonzales (Univ of New Mexico),
Nathan A. Gibson (MIT)

Inadvertent Accumulation Prevention Program, Sandi Larson (Nuclear Safety Associates), Cynthia Gunn, Bev Lomax (B&W Y-12)

Data, Analysis, and Operations for Nuclear Criticality Safety - II

First Results from the Seven Percent Critical Experiment, Gary A. Harms, John T. Ford, Allison D. Barber (SNL)

Development of an ENDF Thermal Library for SiO2 and Testing of Criticality Effects, Jesse Holmes, Iyad I. Al-Qasir (NCSU), Luiz Leal (ORNL)

Criticality Benchmark Comparisons for DAGMC, Patrick J. Snouffer, Rachel N. Slaybaugh, Paul P. Wilson (Univ of Wisconsin, Madison)

Criticality Safety Engineer Training Fellowship at DOE Idaho, Mackenzie L. Gorham (Idaho State Univ), Adolf S. Garcia,
Joseph Christianson (DOE, Idaho Falls)

On the Kinetic Behavior of Uncontrolled Supercritical Systems, D. Minnema, J. Abrefah, C. Martin, E. Elliott, Z. Beauvais (DNFSB)

Proper Applications of Benchmarking in Criticality Safety

Development of an ICSBEP Benchmark Evaluation, J. Blair Briggs, John D. Bess (INL)

Critical and Subcritical Experiment Design Team of the U.S. DOE Nuclear Criticality Safety Program, A. Nichole Ellis, James Felty,
Lori Scott (SAIC)

Getting Started with Benchmarks-Lessons Learned, Joseph A. Christensen (DOE)

An Expanded Criticality Validation Suite for MCNP, Russell D. Mosteller, Forrest B. Brown, Brian Kiedrowski (LANL)

Validation of Chlorine with Limited Experimental Data, Larry L. Wetzel (Babcock & Wilcox, NOG-L),
William Newmyer (Nuclear Safety Associates)