The following technical sessions are proposed for the 2019 IMUG meeting. They will be finalized after we receive proposals from the participants and then we will issue an agenda with confirmed presentations and topics. Presentations are welcome and encouraged. The presentation topics can cover any technical element related to the modeling of nuclear offsite consequences and can include research efforts, benchmarking, modeling improvements, uncertainty evaluations, modeling applications, or other offsite consequence models and tools. This plan will be finalized after considering your submittals and presentation suggestions.

Monday, June 10, 2019

- IMUG Registration
- Introduction/Opening Remarks
- Technical Session 1 – MACCS Code Suite Development Status
- Technical Session 2 – Severe Accident Consequence Modeling Applications
- Technical Session 3 – Atmospheric Transport and Dispersion
- Technical Session 4 – Emergency Response Research and Modeling

Tuesday, June 11, 2019

- Technical Session 5 – Long-term Recovery and Cleanup Research and Modeling
- Technical Session 6 – Recent Benchmarking of Consequence Models
- Technical Session 7 – Societal and Economic Consequences
- Technical Session 8 – Severe Accident Consequence Modeling
MACCS User Workshop
June 12-14, 2019
Preliminary Program Plan

Wednesday, June 12

- MACCS Workshop Registration
- Introduction/Opening Remarks
- MACCS Model Overview
- Atmospheric Transport and Dispersion Modeling Including Gaussian Plume Segment Model, Wake Effects, Plume Rise, Plume Meander, Dry and Wet Deposition, and Treatment of Meteorology
- Exercises
- Emergency Phase Exposure Pathways and Modeling of Protective Actions Including Evacuation, Relocation, and Sheltering
- Exercises
- Adjourn

Thursday, June 13

- Intermediate Phase and Long-Term Phase Exposure Pathways and Modeling of Protective Actions Including Relocation, Decontamination, and Condemnation
- Exercises
- Modeling of Dose and Early and Latent Health Effects
- Exercises
- Modeling of Land Contamination and Economic Consequences
- Exercises
- Adjourn

Friday, June 14

- Site-Specific Population, Economic, and Land Use Modeling Using the SecPop Preprocessor Code
- Radionuclide Release Modeling of Source Terms in MACCS Using the MeMACCS Preprocessor Code
- Recent Updates and Planned Enhancements to MACCS
- Exercises
- Closing Remarks/Announcements
- Adjourn