



This training covers the use of MuSES for infrared signature modeling and analysis. Participants will learn techniques for transient thermal analysis, infrared rendering, post-processing, and batch execution. Completion of TAITherm Training is recommended to provide a strong foundation in the thermal modeling methods used to generate and analyze infrared signatures.

Tutorials & Topics

- Curves, targets, & mission profiles
- Transient analysis for IR modeling
- Infrared rendering settings
- Radiance post-processing
- Command line & batch processing
- Contrast calculation methods
- Optical properties & paint files
- Land, sea, & air targets
- Signature management
- BRDF per pixel
- Batch files
- Super-sampling & batch processing
- Texture mapping & camouflage

Day One

10:00 AM	–	11:00 AM	Introduction to MuSES
11:00 AM	–	11:30 AM	Tutorials & Presentations
11:30 AM	–	11:45 AM	Lunch Break
11:45 AM	–	1:20 PM	Tutorials & Presentations
1:20 PM	–	1:30 PM	Questions
1:30 PM			Day Ends

Day Two

10:00 AM	–	11:40 AM	Tutorials & Presentations
11:40 AM	–	11:50 AM	Lunch Break
11:50 AM	–	1:20 PM	Tutorials & Presentations
1:20 PM	–	1:30 PM	Questions
1:30 PM			Day Ends