



GoldSim User Conference
Sam Francisco, California
Radisson Hotel Fisherman's Wharf
October 23-26, 2007

Tuesday and Wednesday, October 23-24: Basic Training

This two-day course will serve both as an introduction to GoldSim for new users, and a refresher course for existing users. It will cover all the basic features of GoldSim in detail, and will also provide an overview of a number of advanced features.

Attendees should bring a laptop (with GoldSim) if possible, as the training will involve hands-on examples. If necessary, two Attendees can share a computer. Temporary GoldSim licenses will be available at the training if required.

Breakfast will be served at 8:00AM, with the workshop starting at 9:00AM.

Wednesday, October 24: Advanced Training

This advanced training will be held concurrently with the second day of the Basic Training (i.e., you can't attend both).

Topics to be covered in this session include "Techniques for Building Large Models", "Time Series Elements", "SubModels", "Generating Stochastic Time Series", and "Shortcuts, Hidden Features and Tips". There will also be time provided for questions and issues raised by attendees.

Breakfast will be served at 8:00AM, with the workshop starting at 9:00AM.

Wednesday, October 24: Dinner

All conference attendees should meet in the hotel lobby on Wednesday, October 24 at 5:30PM to walk/ride to O'Reilly's Irish Pub and Restaurant for dinner.

Thursday, October 25 – User Conference, Day 1

- 8:00 – 9:00 Breakfast and coffee/tea
- 9:00 – 9:15 *Welcome, Introductions and Overview of Agenda* (Ian Miller, GoldSim Technology Group)

2007 GoldSim User Conference Agenda

- 9:15 – 9:25 *GoldSim in 2007 and Beyond* (Rick Kossik, GoldSim Technology Group)
- 9:25 – 9:55 Invited Speaker (Susie Go, NASA Ames Research Center): *A Simulation Assisted Risk Assessment Approach for Space Launch Systems*
- 9:55 – 10:30 Invited Speaker (Charlie Voss, Golder Associates): *Common Sense Is Not So Common – Some Lessons Learned in Using Simulation Models for Problem Solving*
- 10:30 – 10:45 Break
- 10:45 – 11:15 GoldSim Tutorial (GoldSim Technology Group): *Model Building Tips for Organizations: Creating Models that can be Easily Shared and Reused*
- 11:15 - 11:45 Panel Discussion: *Sharing GoldSim Models: Loss of Intellectual Property or Mutually Beneficial Opportunity?*
- 11:45 – 12:00 GoldSim Group Modeling Exercise- Introduction
- 12:00 – 1:15 Lunch
- 1:15 – 2:30 GoldSim Group Modeling Exercise – Small Group Model Building
- 2:30 – 3:00 GoldSim Group Modeling Exercise – Discussion and Review
- 3:00 – 3:20 Break
- 3:20 – 3:50 GoldSim Update (GoldSim Technology Group): *What's Cooking? What to Expect Over the Next Year*
- 3:50 – 4:20 Invited Speaker (Kate Catlett and John Tauxe, Neptune and Company): *My Model Makes Sense to Me. How Come No One Else Can Understand It?*
- 4:20 – 4:50 Model Beauty Contest
- 6:00 Meet in hotel lobby to walk/ride to dinner cruise
- 6:45 – 9:30 Dinner cruise

Friday, October 26 – User Conference, Day 2

- 8:00 – 9:00 Breakfast and coffee/tea
- 9:00 – 9:30 Invited Speaker (Dave Esh, US Nuclear Regulatory Commission): *Modeling Complex Systems - How Much Detail is Appropriate?*
- 9:30 – 10:30 GoldSim Tutorial (GoldSim Technology Group): *Tools and Techniques for Abstracting Complex Models into GoldSim*
- 10:00 – 10:30 Invited Speaker (Ted Eary, MWH): *Approaches for Modeling Complex Processes through Integration of GoldSim and Specialized Supporting Models*
- 10:30 – 11:00 Break/Poster Session
- 11:00 – 11:30 Invited Speaker (Patrick Mattie, Sandia National Laboratories): *“Beowulfery” – Cluster Computing Using GoldSim to Solve Embarrassingly Parallel Problems*
- 11:30 – 12:00 Panel Discussion: *Modeling Complex Systems: Abstract or Detailed Models?*
- 12:00 – 1:15 Lunch
- 1:15 – 1:45 GoldSim Tutorial (GoldSim Technology Group): *Containers, SubSystems and SubModels: An Overview*
- 1:45 – 2:30 Invited Speaker (Pat Lee, DOE Yucca Mountain Project): *Streamlining the YMP TSPA GoldSim Model with Looping Containers and SubModels*
- 2:30 – 3:00 Break/Poster Session
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- 3:00 – 3:30 Invited Speaker (Phil Stauffer, Los Alamos National Laboratory): *A System Model for Geologic Sequestration of CO2*
- 3:30 – 4:00 Invited Speaker (Alan Keizur, Golder Associates): *Calibrating a Complex Environmental Model to Historic Data*
- 4:00 – 4:20 Tutorial and Discussion (GoldSim Technology Group): *Techniques for Testing, Ensuring Quality and Validating GoldSim Models*
- 4:20 – ??? Ask the GoldSim Team (rants, raves, feature requests, modeling questions, etc.) and Conference Close