

NASA Workshop on Multi-Terrain Impact Simulations  
Tentative Agenda – Feedback REQUIRED

**Day 1 – November 28, 2006**

8:00 – 8:15 Welcoming Remarks .....Ed Fasanella  
8:15 – 8:30 Introductions, Goals of Workshop

Session I – Dr. Len Schwer

8:30 – 9:30 Soil modeling for impact and landing using LS-DYNA  
9:30 – 10:30 Proposed Standards for Verification and Validation of Numerical Models

10:30-10:45 break

10:45 – 11:15 Overview of Apollo Soil Landing Studies TBD  
11:15 – 12:00 Soil Impact Testing at Landing Sites – Ralph Buehrle

12:00 – 12:30 Lunch (to optimize our time, no-cost lunch is provided at the NIA)

12:30 – 1:00 Boiler plate soil impact testing at Langley – Richard Boitnott  
1:00 – 1:30 Preliminary Soil Modeling for CEV Project – Karen Lyle  
1:45 – 5:00 It is envisioned that the afternoon would be a combination of short 15 minute presentations by attendees of specific problems of interest involving soil modeling, questions and answers, discussions, etc. If you are interested in making a presentation, please send a title and short description.  
5:00 PM Adjourn

6:30 Meet at local restaurant for dinner

**Day 2 – November 29**

Session 2 – Dr. Ala (Al) Tabiei

8:00 – 10:00 LSPrepost  
10:00-10:15 Break  
10:15 – 12:00 Water Impact Methods, ALE, Meshless, Apollo water impact study

12:00 – 12:30 Lunch

12:30 – 5:00 Presentations, Discussion, Applications, Problems, Successes and Limitations with Water and Soil Impact Models, Test Methods, Validation, etc  
If you have a presentation you would like to make on water impact simulations, please send a title and a short description.  
4:45 Closing Comments  
5:00 Adjourn