

Structural analysis of a multi-story building, showing fluid-solid interactions of the given cross-sections.

Virtual seminar (September 17th 10:00-11:30 am)

An Overview of HOSS & Introduction to FDEM Methodologies

Join webex meeting [here](#)

What is HOSS?

Developed at Los Alamos National Laboratory, the Hybrid Optimization Software Suite (HOSS) integrates computational fluid dynamics with state-of-the-art combined finite discrete element methodologies into a single simulation platform.

This software is capable of solving complex problems for a myriad of engineering disciplines, industrial applications, and scientific research. Licensed versions of HOSS are currently available at Texas A&M.

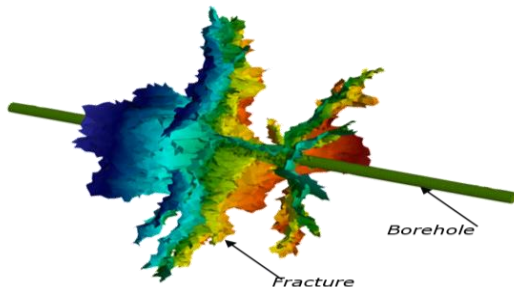
2-Day Workshop

This workshop aims to introduce the combined finite-discrete element modeling concept to students and faculty. The 2-day crash course will be a hands on learning experience featuring HOSS. By the end of the workshop, users will have learned how to independently setup and run FDEM simulations.

Join with the following links:

[Day #1 \(Sep. 17th 2:00-4:00 pm\)](#)

[Day #2 \(Sep. 20th 2:00-4:00 pm\)](#)



Unconventional reservoir hydraulic fracturing process.

Learn more!

www.lanl.gov/hoss