

AGENDA

Fact Finding Meeting Supporting NWTRB April 2019 Workshop Tuesday, February 26, 2019

DOE Nevada Field Office
232 Energy Way
N. Las Vegas, Nevada 89030

Nevada Support Facility (NSF)
Searchlight Conference Room (Room C211)

- 8:00 a.m.** **Introduction and Purpose**
Board and DOE
- 8:15 a.m.** **DOE's Collaborations and Underground Research Program: Overall Program and Approach**
Speaker: [Tim Gunter](#)
- 9:00 a.m.** **Overview of DOE's International Research and Development Activities**
Speaker: [Jens Birkholzer](#)
- 10:30am** **Break**
- 10:45 a.m.** **GDSA Development and International Collaborations**
Speaker: [Emily Stein](#)
- 11:30 p.m.** **Lunch Break**

Afternoon Session

Each presentation will begin by describing: (1) Why the research is important to geologic repository post-closure safety; (2) A conceptual model of the processes being investigated; (3) How those processes influence repository performance, and (4) the data necessary to model/understand the processes in a repository setting.

- 12:30 p.m.** **DOE's Flow and Radionuclide Transport Activities:
Flow and Transport in Fractured Granite: Modeling Studies involving
the BRIE, GREET, and LTDE Experiments**
Speaker: [Hari Viswanathan](#)
- 1:20 p.m.** **DOE's Flow and Radionuclide Transport Activities:
Colloid-Facilitated Transport: Studies Related to CFM Project at GTS**
Speaker: [Hakim Boukhalfa](#)
- 2:10 p.m.** **DOE's Engineered Barrier Integrity Activities:
Understanding EBS Coupled Processes and Mineral Alterations at High
Temperatures: From FEBEX-DP to HotBENT**
Speaker: [Liang Zheng](#)
- 3:00 p.m.** **Break**
- 3:15 p.m.** **DOE's Salt Research and Waste Isolation Pilot Plant Activities
Understanding Heat-Driven Brine Migration in Salt: From
Collaborations with the German Salt Program to the Planned WIPP
Heater Test**
Speakers: [Kris Kuhlman](#) and [Phil Stauffer](#)
- 4:00 p.m.** **Gas Migration in Clay-Based Materials – International Collaboration
Activities as Part of the DECOVALEX Project**
Speaker: [Jonny Rutqvist](#)
- 4:45 p.m.** **Closing Discussion**
- 5:30 p.m.** **Adjourn**