



San Joaquin Geological Society

Date: Tuesday, January 10th, 2017

Time: 6:00 PM Social Hour
7:00 PM Dinner
8:00 PM Lecture

Place: Eagles Lodge
1718 17th Street, Bakersfield, CA 93302

PSAAPG Members & Mesozoics
\$25 with reservation
\$30 without reservation

Non PSAAPG Members
\$30 with reservation

Full-time Students with ID:
\$10 - Courtesy of Chevron &
California Resources Corp.

*** RSVP ***

**By: noon Sunday,
January 8th, 2017**

PayPal on the Website:
<http://www.SanJoaquinGeologicalSociety.org/>

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Geophysical studies at the NNSS (formerly NTS)

Presented by: **Rob Mellors, Lawrence Livermore National Laboratory**

Abstract:

The National Nevada Security Site (NNSS) (formerly the Nevada Test Site) covers a remarkable variety of geological features that includes volcanics, Paleozoic carbonates, exposed crystalline bedrock and alluvium. In this talk we present a brief overview of the geology and relevance to two recent studies. One study looks at the effects of the complex geology on seismic wave propagation as observed by a large array of seismometers and the other on the development of chimneys from underground nuclear explosions as inferred from surface observations and geophysics. The talk will include several animations. Prepared by LLNL under

Contract DE-AC52-07NA27344.

Biography: Not available at this time

Attention: This month we will not be accepting Pay-Pal. RSVP by email or pay at door. Sorry for the inconvenience.

Please RSVP to Kathy Smith
kathysmith@pacseis.com

(Check on the web site for updated information.
[http://www.SanJoaquinGeologicalSociety.org/.](http://www.SanJoaquinGeologicalSociety.org/))

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