

**NHERI@UC SAN DIEGO 2ND USERS TRAINING WORKSHOP; INCLUDING A COMMUNITY WORKSHOP TO DEVELOP A LARGE-SCALE PROTECTIVE SYSTEM & HYBRID SIMULATION TESTBED STRUCTURE
DECEMBER 12-13, 2016; SAN DIEGO, CA
(Final Agenda)**

Venue and Lodging Arrangements:

A block of rooms has been reserved at the Holiday Inn San Diego, North Miramar, where the workshop will be held. Registrants should reserve their room using the link below to attain the block rate of \$109/night.

[NHERI UCSD Training Workshop](#)

Hotel contact: Alma Camalig Director of Sales Holiday Inn San Diego North Miramar

9335 Kearny Mesa Road

San Diego, CA 92126

858-740-2006 Direct 858-578-7925 Fax

Day 1: December 12, 2016 (8AM ~ 4:30PM)

Theme: Design and Execution of a Successful Test Program at the NHERI@UC San Diego Facility

Time	Duration (min)	Topic	Speaker
8-8:15	15	Welcome, introduction of each attendee & workshop schedule	Prof. Joel Conte
8:15-9:15	60	NHERI@UCSD: Facility description and capabilities <i>Our goals of the workshop</i> <i>Your goals of the workshop</i>	Prof. Joel Conte
9:15-9:30	15	DesignSafe: user tools & support	Prof. Ellen Rathje (UT-Austin)
9:30-10:15	45	Nuts & bolts: Instrumentation/DAQ, cameras, IT resources, & cybersecurity	Dan Radulescu, Site Manager; Robert Beckley, IT Manager
10:15-10:30	15	Break	
10:30-11:00	30	Journey through a project (structural)	Prof. Benson Shing
11:00-11:30	30	Journey through a project (geotechnical)	Tom Shantz (Caltrans) & Prof. Jose Restrepo
11:30-11:45	15	SimCenter	Dr. Andreas Schellenberg (UCB)
11:45-1:00	75	Lunch	
1:00-2:30	90	Facility tour (shuttle bus to site)	
2:30-3:00	30	Research planning in a nutshell	Prof. Tara Hutchinson
3:00-4:00	60	Innovative characteristics and opportunities of the EF	Prof Gilberto Mosqueda
4:00-4:30	30+	Q/A	

Final slides in (pdf format) are available to attendees here:

<https://drive.google.com/open?id=0BxsvpNYi2jxoaFNUTDdhd3Q5TXM>

Dinner: Chin's Seafood and Grill (9355 Kearny Mesa Road, SD)

Day 2: December 13, 2016 (9AM~5PM)

Theme: Putting the NHERI@UC San Diego Science Plan into Action

Time	Duration (min)	Topic	Speaker
Morning session (9AM-1PM)			
9:00-9:10	10	Welcome & goals for the day	Prof. Joel Conte
9:10-10:20	70	Grand Challenges in Earthquake Engineering 1. Structural Systems 2. Geotechnical Systems 3. New technologies (protective systems/hybrid simulation)	Prof. John Van de Lindt (Colorado State Univ) Prof. Youssef Hashash (UIUC) Prof. Jim Ricles (Lehigh)
10:20-10:30	10	Recap of NHERI@UC San Diego Science Plan (and how it can support these challenges) <i>Instructions for breakout sessions</i>	Prof. Joel Conte
10:30-12:00	90	Breakout Sessions 1. Building/bridge/nonstructural systems (Moderators: Jose Restrepo, John Van de Lindt) 2. Geotechnical systems (Moderators: Tara Hutchinson, Youssef Hashash) 3. New technologies (Moderators: Gilberto Mosqueda, Jim Ricles)	All
12:00-1:00	60	Working lunch – outcomes from the breakout sessions	Session moderators
Afternoon session (1PM-5PM): Community Workshop to Develop a Large-Scale Testbed Structure (optional session – contact Gilberto Mosqueda if interested in participating: gmosqueda@ucsd.edu)			
1:00-2:00	60	Vision for testbed structure: Need & preliminary design	Prof. Gilberto Mosqueda; Prof. Richard Christenson & Prof. Arash Zaghi (U-Connecticut)
2:00-4:00	120	Breakout session to identify needs (damping devices, isolation, hybrid testing)	All
4:00-5:00	60	Breakout reports and summary of needs for testbed structure design	Session leads