

NHERI@UC San Diego User Training Workshop 2022
December 15-16, 2022
Structural and Materials Engineering (SME) Building, Room 248
University of California San Diego
Day 1: Facility Capabilities, Past Projects, and Best Practices for Proposal Preparation

Time (PST)	Topic	Speaker
8:30 - 8:40	Welcome, Introduction & Workshop Schedule	Prof. Joel Conte <i>Department of Structural Engineering University of California San Diego</i>
8:40 - 9:45	NHERI@UC San Diego: Facility Description and Capabilities, Research enabled by LHPOST6	Prof. Joel Conte <i>Department of Structural Engineering University of California San Diego</i>
9:45 - 10:15	Preparing an NSF Proposal to Utilize NHERI@UC San Diego	John van de Lindt <i>Colorado State University</i>
10:15 - 10:30	Break	
10:30 - 11:30	DesignSafe Tools and Capabilities (Including Best Practices for Successful Upload/Organization of Data Depot)	Prof. Ellen Rathje <i>DesignSafe Project Director, University of Texas at Austin Center</i> Prof. Gilberto Mosqueda <i>Department of Structural Engineering University of California San Diego</i>
11:30 - 12:00	NSF NHERI Facilities and Research Programs and Q&A	Dr. Joy Pauschke <i>National Science Foundation</i>
12:00 – 13:00	Lunch	
13:00 - 15:30	Shake Table Tour (Including 30 min travel to and from ESEC each way, 10 person group tours)	
15:30 - 16:00	Structural Earthquake Engineering: List of Open Issues and Scope of Problems and Example Use of Facilities to Address Scientific Needs	Prof. Jose Restrepo <i>Department of Structural Engineering University of California San Diego</i>
16:00 – 16:30	Geotechnical Earthquake Engineering: List of Open Issues and Scope of Problems and Example Use of Facilities to Address Scientific Needs	Prof. John McCartney <i>Department of Structural Engineering University of California San Diego</i>
16:30 – 17:00	Keynote on Soil-Structure Interaction Issues	Prof. Scott Brandenburg <i>Department of Civil and Environmental Engineering University of California Los Angeles</i>
17:00 - 17:30	Q+A and Discussion	
17:30 – 17:45	Closing Remarks	Prof. Joel Conte <i>Department of Structural Engineering University of California San Diego</i>
18:00 – 19:30	Dinner and Social Interaction	

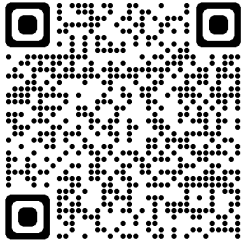
Day 2: New Capabilities, Equipment, Future Projects, and Payload Opportunities

Time (PST)	Topic	Speaker
8:30 - 8:40	Welcome & Workshop Schedule	Prof. Joel Conte <i>Department of Structural Engineering University of California San Diego</i>
8:40 – 9:00	Education and Community Outreach	Prof. Lelli Van Den Einde <i>Department of Structural Engineering University of California San Diego</i>
9:00 - 10:00	Upcoming Project: TallWood	Prof. Shiling Pei <i>Department of Civil & Environmental Engineering Colorado School of Mines</i> Prof. Keri Ryan <i>Department of Civil & Environmental Engineering University of Nevada, Reno</i> Prof. Andre Barbosa <i>Department of Civil & Construction Engineering Oregon State University</i>
10:00 - 10:15	Break	
10:15 - 10:30	Modular TestBed Building (MTB ²): A Reconfigurable Shared-Use Equipment Resource for use by Researchers at LHPOST6	Prof. Machel Morrison <i>Department of Structural Engineering University of California San Diego</i> Prof. Gilberto Mosqueda <i>Department of Structural Engineering University of California San Diego</i>
10:30 - 11:30	SimCenter Tools and Capabilities for Experimental Researchers	Dr. Adam Zsarnóczyay <i>UC Berkeley SimCenter</i> Dr. Sang-Ri Yi <i>UC Berkeley SimCenter</i>
11:30 - 12:00	IT Resources, Cybersecurity, and Instrumentation/DAQ	Dr. Koorosh Lotfizadeh <i>Department of Structural Engineering University of California San Diego</i>
12:00 – 12:20	Q+A and Discussion	
12:20 - 12:30	Concluding Remarks	Prof. Joel Conte <i>Department of Structural Engineering University of California San Diego</i>

Workshop Materials (Workshop Agenda, Presentation PDFs, Videos, etc.)

Download Here:

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