

NHERI@UC San Diego User Training Workshop 2021
December 16-17, 2021

Day 1: Facility Capabilities, Past Projects, and Best Practices for Proposal Preparation

Time (PST)	Topic	Speaker
8:30 - 8:40 am	Welcome, Introduction & Workshop Schedule	Prof. Joel Conte <i>Department of Structural Engineering University of California San Diego</i>
8:40 - 9:45 am	NHERI@UC San Diego: Facility Description and Capabilities	Prof. Joel Conte <i>Department of Structural Engineering University of California San Diego</i>
9:45 - 10:00 am	Education and Community Outreach	Prof. Lelli Van Den Einde <i>Department of Structural Engineering University of California San Diego</i>
10:00 - 10:30 am	DesignSafe Tools and Capabilities (Including Best Practices for Successful Upload/Organization of Data Depot)	Dr. Tim Cockerill <i>DesignSafe Deputy Project Director, Texas Advanced Computing Center</i> Prof. Gilberto Mosqueda <i>Department of Structural Engineering University of California San Diego</i>
10:30 - 10:50 am	Q&A and Open Discussion	
10:50 - 11:00 am	Break	
11:00 - 11:30 am	Preparing an NSF Proposal to Utilize NHERI@UC San Diego	Prof. Tara Hutchinson <i>Department of Structural Engineering University of California San Diego</i>
11:30 - 11:45 am	Virtual Walkthrough of LHPOST6	
11:45 - 12:15 pm	Structural Systems: 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>
12:15 - 12:30 pm	Q&A and Open Discussion	
12:30 pm	Concluding Remarks	Prof. Joel Conte <i>Department of Structural Engineering University of California San Diego</i>

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

Time (PST)	Topic	Speaker
8:30 - 8:40 am	Welcome & Workshop Schedule	Prof. Joel Conte <i>Department of Structural Engineering University of California San Diego</i>
8:40 - 9:30 am	Modular TestBed Building (MTB ²): A Reconfigurable Shared-Use Equipment Resource for use by Researchers at LHPOST6	Prof. Tara Hutchinson <i>Department of Structural Engineering University of California San Diego</i> Prof. Chris Pantelides <i>Department of Civil and Environmental Engineering The University of Utah</i>
9:30 - 10:30 am	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>
10:30 - 10:45 am	Break	
10:45 - 11:15 am	NSF NHERI Facilities and Research Programs and Q&A	Dr. Gianluca Cusatis <i>National Science Foundation</i>
11:15 - 11:45 am	Dr. Kalinina: Plans for the Shake Table Test of a Full-Scale Dry Storage System of Spent Nuclear Fuel Mr. Klymyshyn: Preliminary Pre-Test Modeling Results	Dr. Elena Kalinina <i>Sandia National Laboratories</i> Mr. Nicholas Klymyshyn <i>Pacific Northwest National Laboratory</i>
11:45 - 12:15 pm	IT Resources, Cybersecurity, and Instrumentation/DAQ	Dr. Koorosh Lotfizadeh <i>Department of Structural Engineering University of California San Diego</i>
12:15 - 12:30 pm	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:**

[Google Drive](#)

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