## PEER Researchers' Workshop August 15-16, 2024

At the Richmond Field Station, Building 454 Day 1: Thursday, August 15, 2024

Time/Moderator	Session	Project Title	PI	Institution	Presenter
:00 AM	Registration / Zoo	om Webinar Open			
:30-10:00		Opening Remarks by PEER Director		PEER	Khalid Mosalam
	Regional-scale Simulation	Surrogate Modeling of Seismic Response of Bridges for Regional-Scale Simulations of			
Aarc Eberhard		Highway Networks	Gregory Deierlein	Stanford	Gregory Deierlein
		Probabilistic Regional Seismic Risk Assessment of a Los Angeles Bridge Network Using a New			
		Generation of Fragility Functions	Henry Burton	UCLA	Henry Burton
		Bridge Rapid Assessment Center for Extreme Events (BRACE2)	Khalid Mosalam	UCB	Khalid Mosalam
		Identification of Critical Ground-Motion and Bridge Features for Performance Assessment			
		of Regional Transportation Networks	Marc Eberhard	UW	Marc Eberhard
0:00-10:30	Break				
0:30-12:00	_	Overview of PEER-Bridge Program		CalTrans	Seung-Han Kim
Sharon Yen	PEER-Bridge	Determination of Recovery Bridge Corridors by Comparing Post EQ Network	Kenichi Soga	UCB	Kenichi Soga
	Projects	Remaining fatigue life assessment of bridge decks based upon a numerical-experimental			
	Flojects	SYSCOM SYStem-COmponent-Material-based approach.	Alessandro Palermo	UCSD	Ernesto Hernandez
		Hazard-Based Risk and Cost-Benefit Assessment of Temporary Bridges in California	Floriana Petrone	UNR	Floriana Petrone
.2:00-1:00	Lunch				
1:00-2:30	EEW	An Overview of CalOES Research		CalOES	Megan Sullivan
Brandon Howland		Benefit-Cost Assessment of the California Earthquake Early Warning System	Khalid Mosalam	UCB	Sharyl Rabinovici
		CalOES Airport Project	Mark Hansen	UCB	Mark Hansen
		Assessment of Earthquake Sequence effects	Khalid Mosalam	UCB	Khalid Mosalam
:30-3:00	Break				
		Development of Performance-Based Multi-hazard Engineering (PBME) Framework with			
:00-4:30		Inclusion of Climate Change and Bridge Vulnerability	Michele Barbato	UCD	Lei Zhou
Sifat Muin	Other Hazards	Cascading Seismic and Tsunami Loads for the Design of Open Wharves	Jorge Romero	OSU	Jorge Romero
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		Workshop on PBSD for Bridges: Current Practice & Future Outlook + Blind Prediction			
	other Hazards and Systems	Workshop on PBSD for Bridges: Current Practice & Future Outlook + Blind Prediction Contest	Jose Restrepo	UCSD	Jose Restrepo
		Workshop on PBSD for Bridges: Current Practice & Future Outlook + Blind Prediction Contest Community Sentiment Analysis for Identifying Social Vulnerabilities Following Earthquakes	Jose Restrepo	UCSD	Jose Restrepo
		Contest	Jose Restrepo Sifat Muin	UCSD	Jose Restrepo Sifat Muin
		Contest			
		Contest Community Sentiment Analysis for Identifying Social Vulnerabilities Following Earthquakes Day 2: Friday, August 16, 2024			
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-	and Systems Session	Contest Community Sentiment Analysis for Identifying Social Vulnerabilities Following Earthquakes Day 2: Friday, August 16, 2024	Sifat Muin	USC	Sifat Muin
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