



2018 COSMOS Annual Meeting and Technical Session Program

Evolving methods and insights into site characterization and dynamic response in hazard evaluations

November 16, 2018 8:00 am – 6:00 pm

1544 Events

1544 Broadway, Oakland, California

Agenda

08:00-08:30	Registration and Hot Buffet Breakfast	
08:30-08:45	Welcome and Overview of Day	Annie Kammerer
COSMOS/CGS/USGS Joint Activities and New Datasets		
08:45-09:00	COSMOS Noninvasive Site Characterization Guidelines: Project Update	Alan Yong
09:00-09:20	Updates on the Center for Engineering Strong Motion Data (CESMD)	Hamid Haddadi
09:20-9:40	PEER NGA-Sub Subset: Ground Motion Models and Time-Series Update	Silvia Mazzoni
9:40-10:00	Break	
Shear Wave Velocity Profiles for GMPE Evaluation and Development		
10:00-10:30	GMPE-Consistent 1D Velocity Profile Inversions	Linda Al Atik
10:30-11:00	Example Application of Centering 3D Simulations on GMPEs	Katie Wooddell
11:00-11:30	Enhancing Understanding of Site Profiles	Dominiki Asimaki
11:30-12:00	Integration of 3D Simulation Basin Models for GMPE-Based Hazard Studies: Summaries of Issues	Morgan Moschetti
12:00-12:45	Buffet Lunch	
12:45-1:15	COSMOS Business Meeting	
Time Series Selection and Dynamic Response of Dams and Levees		
1:15-1:45	Dynamic Response of Levees	Scott Brandenburg
1:45-2:15	Application of Conditional Mean Spectra to Subduction and Crustal Records for Dynamic Response of Dams	Tessa Williams/Norm Abrahamson
2:15-2:45	Discussion: Earth Structure Issues	All, Abrahamson moderates

2:45-3:15 **Break**

New Developments and Emerging Issues

3:15-3:40 2018 Update of USGS Hazard Model and Project '17 Outcomes Nico Luco

3:40-4:00 Updates on Implementation of Guidelines for Tall Buildings in Seattle Susan Chang

4:00-4:15 **Brief Break**

4:15-5:00 **Panel Discussion led by Norm Abrahamson**

5:00-5:15 **Concluding Remarks**

5:15-6:30 **Adjourn and Partially Hosted Cocktail Party**

