SMIP22 SEMINAR ON
UTILIZATION OF STRONG-MOTION DATA

October 12, 2022

PRELIMINARY PROGRAM

9:00 am  WELCOMING REMARKS
   Farzad Naeim, Chair, Strong Motion Instrumentation Advisory Committee (SMIAC)
   State Geologist, California Geological Survey (CGS)

9:20 am  INTRODUCTION
   Hamid Haddadi, Program Manager, California Strong Motion Instrumentation Program
   Dan Swensen, Senior Civil Engineer, California Strong Motion Instrumentation Program

Session I

Moderator: Zia Zafir, Kleinfelder and SMIAC

9:30 am  50th Anniversary of CSMIP: Past, Present and Future
   Hamid Haddadi, California Strong Motion Instrumentation Program
   Farzad Naeim, SMIAC

10:30 am  Break

Session II

Moderator: Marshall Lew, Wood and SMIAC

11:00 am  Broadening the Utilization of CSMIP Data: Double Convolution Methodology
towards Developing Input Motions for Site Response & Nonlinear Deformation Analyses
   Renmin Pretell, S. K. Sinha and Katerina Ziotopoulou, UC Davis
   Jennie Watson-Lamprey, Slate Geotechnical Consultants
   Dimitrios Zekkos, UC Berkeley

11:30 am  Measurement and Identification Protocols for Horizontal-to-Vertical Spectral Ratio Peaks
   Pengfei Wang, Paolo Zimmaro and Jonathan P. Stewart, UC Los Angeles
   Sean K. Ahdi and Alan Yong, US Geological Survey

12:00 pm  Lunch Break
**Session III**

**Moderator:** Bret Lizundia, Rutherford + Chekene and SMIAC

1:00 pm  **Enhancing ASCE-41 Nonlinear Modeling Guidelines and Acceptance Criteria using Instrumented Reinforced Concrete Shear Wall Buildings**
Laura Hernandez-Bassal and Sashi Kunnath, UC Davis

1:30 pm  **Validation of Seismic Design Provisions for Diaphragms and Assessment of Higher-Mode Responses on Earthquake-Resistant Buildings**
C. Franco Mayorga and Georgios Tsampras, UC San Diego

2:00 pm  **Break**

**Session IV**

**Moderator:** Martin Eskijian, California State Lands Commission and SMIAC

2:30 pm  **Next Generation Seismic Hazard Analysis of Embankment Dams: Case of the Long Valley Dam, CA**
Kim Olsen, T.-Y. Yeh and Daniel Roten, San Diego State University

3:00 pm  **Using CSMIP Data to Derive Reliable Values of Dynamic Response Parameters for Earth Dams in California**
Makbule Ilgac and Adda Athanasopoulos-Zekkos, UC Berkeley

3:30 pm  **Adjourn**