

SMIP09 SEMINAR ON UTILIZATION OF STRONG-MOTION DATA

November 19, 2009

Hiram Johnson State Building
455 Golden Gate Ave., San Francisco, California

PRELIMINARY PROGRAM

8:00 am **REGISTRATION**

9:15 am **WELCOMING REMARKS**

Chris Poland, Strong Motion Instrumentation Advisory Committee (SMIAC)
John Parrish, State Geologist, California Geological Survey

INTRODUCTION

Anthony Shakal, Manager, California Strong Motion Instrumentation Program
Moh Huang, California Strong Motion Instrumentation Program

Session I

Moderator: *Maurice Power*, AMEC Geomatrix and SMIAC

9:30 am **Analysis of Turkey Flat Ground Motion Prediction Experiment – Lessons Learned and Implications for Practice**

Steve Kramer, University of Washington, Seattle

10:30 am Break

Session II

Moderator: *Farzad Naeim*, John A. Martin & Associates and SMIAC

11:00 am **Optimal Schemes for Estimation of the Seismic Response of Instrumented Buildings**

Dennis Bernal, Northeastern University, Boston

11:30 am **Seismic Analysis of Buildings to Recorded Motions: Modeling and Software Challenges**

Rakesh Goel, California State University, San Luis Obispo

12:00 pm **Lunch**

Box lunch will be provided

Session III

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

1:00 pm **Observation of Structural Performance Near Strong-Motion Stations during the Italy L'Aquila and China Sichuan Earthquakes**

Chris Poland, Degenkolb Engineers, San Francisco

1:30 pm **Utilization of Strong-Motion Data for Assessment of Structural Integrity in Instrumented Highway Bridges**

Andrew Smyth and Raimondo Betti, Columbia University, New York

2:00 pm Break

Session IV

Moderator: *Wilfred Iwan*, Caltech and SMIAC

2:30 pm **Tall Buildings Initiative: Comparison of Recorded and Simulated Ground Motions for Tall Buildings**

Jonathan Stewart, UC Los Angeles

3:00 pm **Update and New Features of the Center of Engineering Strong Motion Data Center**

Hamid Haddadi and Chris Stephens, CGS/CSMIP and USGS/NSMP

3:30 pm **Adjourn**