

# Agenda

WEDNESDAY, DECEMBER 3<sup>RD</sup>

*Salon A*

6:15 pm – 8:00 pm Welcoming Reception

THURSDAY, DECEMBER 4<sup>TH</sup>

*Ballroom 2*

7:30 am – 8:15 am Continental Breakfast/Registration

8:15 am – 8:30 am Introductory Remarks (*Drs. Bruneau, Li and Lee*)

8:30 am – 10:00 am Session I

R. Land , “Caltrans’ Seismic Design Criteria”

Professor Fan, Presented by Professor Li “A Brief Introduction on  
China Code for Seismic Design of Urban Bridges (2<sup>nd</sup> Draft)”

L. Marsh, “Recommended LRFD Guidelines for the Seismic Design of  
Highway Bridges”

10:00 am – 10:30 am BREAK (Photo Session)

10:30 am – 12:30 pm Session II

J. Kulicki and T.P. Murphy, “Impacts of Seismic Requirements on  
the Design of the I-70 Cable Stayed Bridge at St. Louis”

J. Li, “Seismic Performance of a Double-deck Viaduct”

J. Sun and M-C Tang, “Chongqing CaiYuanBa Yangtze River Crossing”

M. Shinozuka, S-H Kim and Y. Zhou, “Effect of Retrofit, Skew and  
Number of Spans on Bridge Fragility”

*Ballroom 3*

12:30 pm – 1:30 pm LUNCH

1:30 pm – 3:30 pm Session III

X. Zhu, “Seismic Pounding Behavior of Simply Supported Girder  
Bridges”

R. DesRoches and S. Muthukumar, “Implications of Seismic Pounding  
on the Response of Bridges – An Analytical Perspective”

Q. Yang, “Analysis Models and Methods for Structural Response of  
Spatially Varying Ground Motions”

M. Bruneau and M. Pollino, “Controlled Rocking System for Seismic  
Retrofit of Steel Truss Bridge Piers”

3:30 pm – 3:50 pm BREAK

3:50 pm – 5:50 pm Session IV

**I. Buckle, P. Dusicka and A. Itani, “Development of Built-up Shear Links as Energy Dissipators for the Seismic Protection of Long Span Bridges”**

**A. Ye, “The Implementation of Dampers on Several Large Bridges in China”**

**M. Constantinou and P. Roussi, “Performance of Seismic Isolation System of Bolu Viaduct in the 1999 Duzce Earthquake”**

**M. Feng, D.K. Kim, J-H Yi and Y. Chen, “Instrumentation and Baseline Modeling for Long-Term Performance Evaluation of Highway Bridges”**

***Salon C-D (Second Floor)***

**6:30 pm**

**BANQUET**

**8:15 pm**

**Special Presentation – “Seismic Design of the New San Francisco Oakland Bay Bridge Self Anchored Suspension Span”**

**By M. Nader, T.Y. Lin International**

**FRIDAY, DECEMBER 5, 2003**

***Salon C-D (Second Floor)***

**7:30 am – 8:30 am**

**Continental Breakfast**

**8:30 am – 10:30 am**

**Session V**

**N. Johnson, S. Saiidi and A. Itani, “Seismic Retrofit Strategies for Substandard Single-Column Bents Supported on Pedestals”**

**J. Wang, “Hydrodynamic Effect on Seismic Response of Bridges”**

**H. Capers, H. Najm and H. Hassif, “Evaluation of NCHRP 12-49 Provisions for Seismic Design of Bridges in New Jersey”**

**C. Seim, “Performance Based Design for Seismic Retrofitting of Long-Span Steel Truss Highway Bridges”**

**10:30 am – 10:50 am**

**BREAK**

**10:50 am – 12:30 pm**

**Research Need and Summary**

**P. Yen, “New Initiative of Bridge Research in Federal Highway Administration”**

**G. Lee, “Summary of Research Needs Statements From Participants”  
Others/Discussion**

**I. Buckle, “Workshop Recommendations”**

**CLOSING**

**12:30 pm – 1:30 pm**

**LUNCH**

**1:30 pm – 2:00 pm**

**M. Bruneau, UB NEES NODE**

**2:30 pm – 3:30 pm**

**Tour of Ketter Hall Laboratory**