

PRC-US Workshop Agenda

October 8, AM: Four invited papers (30 minutes for each)

9:00-9:10: Opening speech

9:10-10:10: Two papers

1. Brief introduction of the study trends of SLDRCE, *by Li-chu Fan*
2. Performance-based seismic design of highway systems, *by Ian G. Buckle*

10:10-10:30: *Coffee break*

10:30-11:30: Two papers

3. Mitigate earthquake hazard & risk for highway bridges through planning, design and retrofitting (extended abstract), *by W. Phillip Yen*
4. Seismic safety evaluation of large scale interchange system in Shanghai, introduced by *Li-chu Fan*, and presented by *Li-ying Nie*

October 8, PM: Seven papers (20 minutes for each)

2:30-3:50: Four papers

5. A new approach to analysis of soil-pile-structure interactions for long-span bridges, *by Jamshid Ghaboussi*
6. Preliminary study of hydrodynamic effects on seismic response of bridges, *by Jun-jie wang*
7. Observed pile and pipeline performance in the full-scale lateral spread experiment, *by Scott A. Ashford*
8. Seismic response of railway bridges considering track restriction, *by Gui-ping Yan*

3:50-4:10: *Coffee break*

4:10-5:10: Three papers

9. Seismic design and retrofit guidelines for bridges in New Jersey, a low-to-moderate seismic hazard area, *by H.A. Capers*
10. Generation of response spectrum compatible non-stationary ground motions based on phase difference spectra, *by Qing-shan Yang*
11. The seismic retrofit of the Golden Gate Bridge, *by Charles Seim, P.E.*

5:10-6:00: *Visit to SLDRCE (wind tunnel, bridge laboratory and shaking table)*

October 8, Evening, 20:00: Reception (Radisson hotel)

October 9, AM: Seven papers(20 minutes for each)

9:00-10:20: Four papers

12. Response of seismic isolated bridges using M-DOF model and 2D excitation, *by G.C. Lee*
13. Aseismic conceptual design of bridge tower of long-span cable-stayed bridges, *by Ai-jun Ye*
14. Analytical investigation of the response of LuPu bridge with added viscous dampers, *by Shi-de Hu*
15. Seismic performance and retrofit of a 24-span freeway bridge, *by M. Saiidi*

10:20-10:40: *Coffee break*

10:40-11:40: Three papers

16. A study on shear strengthening of reinforced concrete beams using $\pm 45^\circ$ glass fiber reinforced polymer, *by Yuan-de Xue*
17. Seismic design and analysis for urban viaducts with a double deck, *by Jian-zhong Li*
18. A pseudodynamic test of an urban viaduct with a double-deck, *by Tian-bo Peng*

October 9, PM: Two invited papers (30 minutes for each) plus summary and recommendations for future research

2:30-3:30: Two invited papers

19. Seismic design and retrofit strategies of cable-supported bridge: An overview of current practice, introduced *by G.C. Lee*, presented *by J. Sun*
20. Seismic response analysis of Wuhu Yangtze River Bridge, *by Xi zhu*

3:30-3:50: *Coffee break*

3:50-5:20: Summary and recommendations for future research (8th floor of new bridge building)

October 9, Evening, 19:00: *Banquet* (Radisson hotel)

October 10: Technical tour to Lupu bridge and sightseeing in Shanghai