

International Workshop on Response Control and Seismic Isolation of Buildings for Earthquake Disaster Mitigation

18-20 November, 2008

Nanjing, China

Dear Colleagues

Responding to the recent earthquake disasters in China and Japan; the Great Sichuan earthquake in China on May 12 and the Miyagi-Iwate Inland earthquake in Japan on June 14, the CIB/W114 (Earthquake Engineering and Buildings) plans to organize “International Workshop on Response Control and Seismic Isolation of Buildings for Earthquake Disaster Mitigation” in Nanjing, China during November 18-20, 2008 to exchange information on the application of seismic isolation and response control techniques for buildings and discuss how to promote and disseminate the techniques worldwide as the promising techniques for earthquake safety of buildings.

The conference will invite more than forty scholars from China, Japan, USA, Italy, Taiwan, Korea, New Zealand, Turkey, Russia, Iran and other areas.

Key issues to be discussed are listed below:

- General aspects of earthquake disasters in the Great Sichuan earthquake in China and the Miyagi-Iwate Inland earthquake in Japan,
- The latest development of seismic isolation and response control techniques for buildings in each country,
- The design theory and application of isolated high-rise buildings,
- Comparison of existing structural design codes of seismically isolated buildings in different countries using a benchmark building,
- Development of performance based structural design method including cost evaluation such as evaluation of life-cycle cost, direct and indirect cost,
- Researches on new material and new devices to improve seismic performance of response controlled and seismically isolated buildings,
- Development of low-cost devices in order to apply response control and seismic isolation techniques to rural area and developing countries,
- Development of dissemination and education tools to popularize response control and seismic isolation techniques for buildings,
- Development of information database on the W114 web site collecting building codes, building applications and devices.

We are looking forward to seeing you at the Conference.

With best wishes,

Chairman of Organizing Committee

Dr. Liu Wei-Qing
Professor, Vice President
Nanjing University of Technology, China

Coordinator of CIB/W114

Dr. Taiki SAITO
Chief research Engineer, IISEE,
Building Research Institute, Japan

Sponsoring Organizations:

Nanjing University of Technology
Building Research Institute, Japan
Japan Society of Seismic Isolation

International Science Committee of Workshop

Fulin ZHOU, Xiyuan ZHOU, Jinping OU, Xilin LU
Takao NISHIKAWA, Shin OKAMOTO, Toshihide KANI

Organizing Committee of Workshop

Xiaoping GU, Youfa PEI, Weiqing LIU, Shuguang WANG
Taiki SAITO, Demin FENG, Masaaki SARUTA, Shoji KATSUTA,
Hiroshi KAWAMURA, Masahiko HIGASHINO, Hiroki HAMAGUCHI

Venue

Nanjing Zijin Hotel, 18 Huanling Road, Nanjing, China

Tentative Program:

11/17	Registration 18:00-	Welcome party
11/18	9:00- 10:00-12:00 13:00-15:00 15:30-17:30	Opening Ceremony WORLD REPORT WORLD REPORT DISCUSSION
11/19	9:00-12:00 13:00-15:00 15:30- 18:00-	CHINA REPORT DISCUSSION Visit tour Working dinner
11/20	Technical visit tour	