



INTERNATIONAL COUNCIL FOR RESEARCH AND INNOVATION IN BUILDING AND CONSTRUCTION

# INFORMATION

June 2005

## New Publication

### TG44 – Performance Criteria of Buildings with Responsive Control Devices

### Proceedings of the JSSI 10th Anniversary Symposium on Performance Controlled Buildings was held at Tokyo Institute of Technology, Yokohama, Japan on 17-19 November 2004

#### Editor

Dr. Tsutomu Shimazaki

#### Summary

The JSSI 10<sup>th</sup> Anniversary Symposium on Performance Controlled Buildings was held at Tokyo Institute of Technology, Yokohama, Japan on November 17-19, 2004. The symposium has been planned as one of the activities of CIB/TG44, "Performance Evaluation of Buildings with Response Control Devices", since its establishment in the year of 2000 and was finally realized as one of the event for commemoration of the 10th anniversary of JSSI, Japan Society of Seismic Isolation, associate member of CIB along with co-promotion with CIB/TG44 and BRI, Building Research Institute, full member of CIB after one year postponement because of SARS epidemic. More than 160 participants attended the Symposium from 15 countries. Proceedings of the symposium consisted of printed abstracts and full papers on associated CD-ROM.

The CD-Rom includes three key note speeches given by three world-wide famous Professors, Kelly, J., Martelli, A., and Ou, J. on "New Developments, New Impediments with Seismic Isolation in the USA", "Recent Progress of Development and Application of Seismic Vibrations Control Techniques in Europe" and "Advances on Structural Control in Mainland China", respectively and 70 full papers on the following 7 subjects:

- Control devices (Control devices for seismic isolation, passive control, active control, and semi-active control), 7 papers,
- Analyses and experiments on seismic isolation, passive control, active control, and semi-active control), 17 papers,
- Performance evaluation of the buildings with control devices, 9 papers,
- Design philosophy and code for the buildings with control devices, 11 papers,
- Practice for design and construction of buildings with control devices, 11 papers,
- Retrofit, repair, and seismic upgrade using control devices, 6 papers and
- Active, hybrid and semi-active control of structures, 9 presentations.

#### Coming Publication of a TG44 Book

The book will summarize the state-of-the-art of response control and seismic isolation of buildings.

The last half day of the symposium was utilized for introduction and discussion of this state-of-the-art report on response control and seismic isolation of buildings which will be published as the final output of TG44, under the chairmanship of Prof. Nakashima, M. Dr. Okamoto, S. introduced the background on the



publishing of the TG44 Book containing country reports made by Mr. Higashino, M., Dr. Saito, T. and Prof. Kasai, K. on Japan, Prof. Ou, J. and Prof. Liu, W. on Mainland China, Prof. Martelli, A. on Italy, Dr. Zhao, J. on New Zealand and Prof. Chang, K. on Taiwan, respectively.

The TG44 Book will be published in July 2005 from SPON Press.

### **Format**

The Proceedings from the latest TG44 Symposium are available as a report (A4, illustrated, pages) and CD-ROM

### **Prices**

CIB members (see contact details below)  
Non members (see contact details below)

### **Order from**

To order the Proceedings, please see contact details below: Dr. Tsutomu Shimazaki [shimazaki@chord.or.jp](mailto:shimazaki@chord.or.jp)

### **Additional Info**

If you are interested in joining (or making contribution to) TG44, please contact: Dr. Shin Okamoto [shin-okamoto@chugiken.or.jp](mailto:shin-okamoto@chugiken.or.jp) and Dr. Hui Li [lihui@hit.edu.cn](mailto:lihui@hit.edu.cn)

You can find more information on the activities of CIB W080 at [www.cibworld.nl](http://www.cibworld.nl)

Search under Databases/CIB Commissions.  
Click on Commissions and type W080 in the search field.