Sixth International Conference on Urban Earthquake Engineering

March 3-4, 2009

The Center for Urban Earthquake Engineering (CUEE) at Tokyo Tech is pleased to announce its Sixth International Conference on Urban Earthquake Engineering to be held in downtown Tokyo March 3-4, 2009.

We will hold five plenary sessions with seven keynote speakers (Jonathan Bray, Kenneth Campbell, Kazuhiko Kawashima, Stephen Mahin, Steven McCabe, Jack Moehle and Itsuki Nakabayashi), as well as parallel sessions on: Engineering Seismology; Tsunami; Geotechnical Earthquake Engineering; Reinforced Concrete, Steel, and Bridge Structures; Passive Control and Base Isolation; Advanced Seismic Design and Analysis; and Seismic Hazard Mitigation Planning and Human Behavior.

This Sixth International Conference will thus offer a broad range of dynamic and exciting presentations by both Japanese and overseas experts in all these fields. We hope that the conference will provide a unique opportunity for everyone interested in and concerned with the field of Urban Earthquake Engineering in all its aspects.

Venue: Marunouchi Building Hall (7F and 8F, Marunouchi Building), Tokyo

Registration: There is no fee to register, however advanced registration via e-mail or on the CUEE web page (see below) is strongly encouraged.

(For the Welcome Event on March 3rd there will be a charge of 3000 yen/ person.)

Organizer:
Global COE Program “International Urban Earthquake Engineering Center for Mitigating Seismic Mega Risk”

Center for Urban Earthquake Engineering (CUEE), Tokyo Institute of Technology

O-okayama Office: Tel & Fax +81-(0) 3-5734-3200
Suzukakedai Office: Tel & Fax +81-(0) 45-924-5576/ 5199
E-mail: reg@cuee.titech.ac.jp
URL: http://www.cuee.titech.ac.jp/conf/

Venue: Marunouchi Building Hall (7F and 8F, Marunouchi Building), Tokyo
March 3rd (Tue)

A Model of Ground Structure Estimated from Microseism Arrows in Hachinohe, Aomori (K. Matsuzawa, Ibaraki Institute of Technology)
Concrete Structures + Analyses (Chair: Y. Li & Y. Shinohara) Room 4
Parallel Session 3 Hall and Rooms 4 & 5 15:00〜16:45

Design & Standards (Chair: A. Wada) Main Hall 10:00〜10:30
Revision of Seismic Design Codes Corresponding to Building Damages in the S12 (Ohzasa/Saito/Chikazawa/Chikazawa/Matsuzawa/Kitamura/Sato/Koizumi/Ishibashi/Takahashi/Takahashi)
Quality Assurance for Safe Seismic Safety in Califorma's Schools/ P. Hackett (State of California)
Seismic Mass Damper Application in Los Angeles World Airports/ H. Kiyama (Moriyama & Teshima)
Site Specific Ground Motion for Earthquake Engineering of Building Structures: Present State and Future Trends/ K. Kato (Kajima Corporation)

Engineering Seismic Test (Chair: T. Ichimura) Room 4
Room 4: Probabilities and Shake Maps of the Potential Earthquakes in Taiwan/ K. L. Wen (National Central University)

Estimation of Shallow Soil Models for the Kanto Basin, Japan, using Site Amplification Equations for Active Tectonic Regions/ K. W. Campbell (ABS Consulting, Inc.)
Next Generation Attenuation (NGA) Project: Empirical Ground Motion Prediction Equations for Active Tectonic Regions/ M. A. Trifunac (University of California, Berkeley) and J. Overbeek (Wageningen University, The Netherlands)

North New England Earthquake Modeling and Drift of Adjacent Structures for the Recent Great Hanshin-Awaji Earthquake/ Y. K. Kamata (University of California, Berkeley)

6-Pulse Effect in Earthquake Excited Structures/ C. Adam (University of Innsbruck)
Nonlinear Analysis of a Building with Elided Lovey Levels Impacted by Tsunamis in the Near Field/ C. Y. Lin (National Taiwan University)

Earthquake Risk Prevention/ T. Ide (Japan Advanced Institute of Science and Technology)

Parallel Session 2 Hall and Rooms 4 & 5 15:00〜16:45

Construction of a Prototype of an Earthquake Shaker/ S. Ikeda (Kanto Gakuin University)

Earthquake in 2004/ M. Sawada (Nagaoka Institute of Design)

Discussion Process among Affected Peoples to Reach a Consensus on a Reconstruction Plan in the Hindu-sis Village/ D. Tsubouchi (The University of Tokyo)

Influence of Rigidity of Column Base on Seismic Performance of Steel Moment Frame Structures/ N. Fujita (Tokyo Institute of Technology)

Geo-technical Engineering 1 (Chair: R. E. S. Moss & G. Kusakabe) Room 5
Seismic Response Models for Sacramento-San Joaquin Delta Levees/ R. W. Moore (University of California, Davis)
Cyclic Volume Change of Unsaturated Soils with Varying Fines Contents/ E. Yee (University of California, San Diego)

Earthquake Engineering 6 (Chair: T. Miki) Room 6
Frame Retrofitted with Hysteretic Damper/ H. Asada (Tokyo Institute of Technology)
Seismic Performance Verification of the Akashi-kaikyo Bridge against Large-scale Earthquakes/ T. Yokota & K. Kojima (University of Tokyo/Kajima Corporation)
Dynamic Analysis of Bridges in the Ultimate State under Earthquake/ T. Y. Lee (National Central University)

Session Report 1 (Chair: T. Yamashita) Main Hall 11:00〜11:30

Hydromechanics of Large-scale Underwater Structures/ M. Fujii & T. Yoneda (Tokyo Institute of Technology)