



CONFERENCE ANNOUNCEMENT

ADVANCES IN STRUCTURAL DESIGN FOR SEISMIC REGIONS

Space is limited. Early registration is highly recommended.

**FIFTH FLOOR CONFERENCE FACILITIES
FEDERAL RESERVE BANK OF LOS ANGELES
950 SOUTH GRAND AVENUE AT OLYMPIC BOULEVARD
LOS ANGELES, CALIFORNIA**

Convenient pay parking is available south of the building on the Olympic Boulevard

**FRIDAY, MAY 2, 2014
8:00AM TO 5:30 PM**

The 2014 LATBSDC conference will cover a variety of topics related to recent advances in structural design of tall and special buildings. Distinguished speakers will present topics ranging from the new earthquake ground motions for design to showcasing new tall building projects under development for Los Angeles; new techniques for design of tall buildings; foundation design for tall buildings; new code provisions, and building on or near faults. In addition an update will be provided on LATBSDC efforts to develop reliability based alternative procedure for seismic retrofit of tall buildings.

=====REGISTRATION FORM=====

ADVANCES IN STRUCTURAL DESIGN FOR SEISMIC REGIONS

MAY 2, 2014

Name _____

Firm or School _____

Address _____

City, State, Zip, Country _____

Phone _____ Fax _____ E-mail _____

Early-Bird Registration Fee (if received by April 18, 2014).....	\$250
Registration Fee (if received after April 18, 2014).....	\$300
Students (space is limited to 30 student participants).....	\$ 40

It is possible to register at the door, but late registrants may not receive a copy of the Proceedings at the conference; late registrants may receive a copy of the proceedings mailed to them after the Conference. Please pay by check in U.S. currency; the Council is unable to accept credit cards or purchase orders for payment. Company checks for multiple registrations must include the name of each person being registered.

Make checks payable to: Los Angeles Tall Buildings Structural Design Council
c/o John A. Martin & Associates, Inc.
950 S. Grand Avenue, 4th Floor
Los Angeles, California 90015
Tel.: (213) 483-6490; Fax: (213) 483-3084
Internet Address: <http://www.tallbuildings.org>
E-mail Address: PHamabata@johnmartin.com



A meeting co-sponsored by the
Pacific Earthquake Engineering Research Center



Program for the 2014 Annual Conference

- 8:00-9:00AM REGISTRATION**
- 9:00-9:10 WELCOME
Dr. Ifa Kashefi, President, LATBSDC
- 9:10-9:45 DESIGN OF TRANSBAY TOWER IN SAN FRANCISCO
Mr. Michael Valley, MKA
- 9:45-10:15 DESIGN OF WILSHIRE & FIGUEROA TOWER
Mr. Len Joseph, Thornton/Tomasetti and Mr. Peter Maranian, Brandow & Johnston
- 10:15-10:30 **COFFEE BREAK**
- 10:30-11:00 AN OVERVIEW OF ATC-78 ON IDENTIFICATION AND MITIGATION OF NONDUCTILE CONCRETE BUILDINGS -
Dr. Michael Mehrain, URS
- 11:00-11:30 IMPROVED PERFORMANCE-BASED SEISMIC ASSESSMENT OF TALL BUILDINGS BY UTILIZING BAYESIAN STATISTICS
Dr. Omid Esmaili and Dr. Farzin Zareian, UCI
- 11:30-12:00 SPECTRAL SCALING OR MATCHING OF EARTHQUAKE GROUND MOTIONS IN THE LIGHT OF ASCE 7-10
Dr. Marshall Lew, AMEC
- 12:00-1:00PM LUNCH BREAK (lunch will be served)**
- 1:00-1:10 LATBSDC AWARDS PRESENTATIONS
- 1:10-1:50 RELIABILITY BASED DESIGN APPROACH TO DESIGN AND RETROFIT OF STRUCTURES
Dr. Gary Hart, Weidlinger
- 1:50-2:10 2014 LATBSDC ALTERNATIVE CRITERIA FOR TALL BUILDING DESIGN
Dr. Farzad Naeim, John A. Martin & Associates, Inc.
- 2:10-2:40 NEW INSIGHTS ON EFFECTS OF DIRECTIONALITY AND DURATION ON SEISMIC RESPONSE OF TALL BUILDINGS
Mr. Manuel Archila and Dr. Carlos Ventura, UBC
- 2:40-3:00 **COFFEE BREAK**
- 3:00-3:30 COMPARATIVE STUDY OF PERFORMANCE OF PT ROCKING SYSTEMS
Ms. Sofia Gavridou and Dr. John Wallace, UCLA
- 3:30-4:00 EARTHQUAKE DAMAGE POTENTIAL DUE TO LOW-CYCLE FATIGUE IN R.C. MOMENT FRAME BUILDINGS
Dr. James C. Anderson and Mr. Ahmed Mantawy, USC
- 4:00-5:00 PANEL DISCUSSION ON NON-DUCTILE CONCRETRE FRAMES:
Dr. Ifa Kashefi, Dr. Gary Hart, Dr. Michael Mehrain, Dr. James C. Anderson, and Mr. John A. Martin, Jr.
- 5:00-5:15 ADJOURN**