



CONFERENCE ANNOUNCEMENT

NEW DEVELOPMENTS IN STRUCTURAL DESIGN OF TALL BUILDINGS

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 in open parking lots within blocks of the building

**FRIDAY, MAY 4, 2018
8:00AM TO 5:30 PM**

The 2018 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 discussing new tall buildings in Los Angeles and elsewhere, new innovations for structural resilience, lessons earned from recent earthquakes, design ground motion issues, and 2018 supplements to the 2017 LATBSDC Guidelines. In addition, a panel discussion will be held covering various topics presented during the conference.

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

NEW DEVELOPMENTS IN STRUCTURAL DESIGN OF TALL BUILDINGS

MAY 4, 2018

Name _____

Firm or School _____

Address _____

City, State, Zip, Country _____

Phone _____ Fax _____ E-mail _____

Early-Bird Registration Fee (if received by April 16, 2018)..... \$250

Registration Fee (if received after April 16, 2018)..... \$300

Students (space is limited to 30 student participants). \$ 40

It is possible to register at the door, but late registrants may not be accepted due to limited space and may not receive a copy of the Proceedings at the conference; late registrants may have a copy of the proceedings mailed to them after the Conference should we run out of them. 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: Polcar@johnmartin.com



Preliminary Program for the 2018 Annual Conference May 4, 2018 – 950 S. Grand, 5th Floor, Los Angeles, CA 90015	
8:00-8:30AM	REGISTRATION / VIEW EXHIBITS
8:30-8:40	WELCOME Farzin Zareian, President, LATBSDC
	Remembering Gary C. Hart and Stephen A. Mahin
8:40-9:00	SHORT TALKS, VIDEOS, ETC.
	Session on Tall Building Project Case Studies
9:00-9:20	FRAMEWORK, THE FIRST CROSS-LAMINATED TIMBER HIGH-RISE IN THE U.S. Reid Zimmerman, KPFF
9:20-9:40	PERFORMANCE-BASED SEISMIC UPGRADE OF A UNIQUE SAN FRANCISCO STEEL HIGH-RISE USING VISCOUS DAMPERS AND FULL-SCALE COMPONENT TESTING Matthew Skokan, Saiful Islam and Metin Oguzmert
9:40-10:00	SEISMIC RETROFIT OF THE HISTORIC CENTURY PLAZA HOTEL AND PERFORMANCE BASE DESIGN OF THE TWIN TOWERS Mahmoud Faghihi, Margaux Burkholder, and Mitchel Le Heux
10:00-10:30	COFFEE BREAK / VIEW EXHIBITS
	Session on Tall Building Project Case Studies (continued)
10:30-10:50	THE BROADWAY BLOCK PROJECT, SAN DIEGO Anthony El-Araj and Ehsan Dezhdar, Glotman Simpson U.S. Inc.
	Session on New Developments
10:50-11:00	2018 SUPPLEMENT TO 2017 LATBSDC CRITERIA Farzad Naeim
11:00-11:30	THE NEW ACI SHEAR STRENGTH EQUATIONS David Sanders (invited)
11:30-12:00	MODELING COUPLED WALL SYSTEMS FOR COLLAPSE ASSESSMENT John Wallace et al
12:00-1:00PM	LUNCH BREAK / VIEW EXHIBITS (lunch will be served)
1:00-1:10	LATBSDC AWARDS PRESENTATIONS
	Session on New Developments (continued)
1:10-1:30	DAMAGE AND DOWNTIME ASSESSMENT OF R/C COUPLED WALLS Kristijan Kolozvari et al
1:30-1:50	ISSUES WITH CODE FORMULATION OF ACCIDENTAL ECCENTRICITY ISSUES Farzin Zareian et al.
1:50-2:10	SMARTPHONE BASED SEISMIC RISK ASSESSMENT TOOL Ross Stein and Volkan Sevilgen, Temblor

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	Session on Learning from Past Earthquakes
2:10-2:35	MEXICO EARTHQUAKE Eduardo Miranda
2:35-3:00	NEW ZEALAND ACTIVITIES Ken Elwood
3:00-3:30	COFFEE BREAK / VIEW EXHIBITS
	Session on Ground Motions
3:30-4:00	ISSUES WITH UCERF3 MODELS OF GROUND MOTION David Schwartz (invited)
4:00-4:20	SCEC LOOK-UP TOOL FOR SITE-SPECIFIC MCER RESPONSE SPECTRA IN SOUTHERN CALIFORNIA BASED ON 3-D SIMULATIONS AND NGA WEST2 GMPES C.B. Crouse
4:20-4:40	VALIDATION OF GROUND MOTION MODELS Nico Luco
4:40-5:00	COMPARISON OF RESULTS OBTAINED USING VARIOUS MODELS Marshall Lew and Andrew Dinsick
5:00-5:30	PANEL DISCUSSION Presenters + Marshall Lew + Farzad Naeim
5:30	ADJOURN