



# CONFERENCE ANNOUNCEMENT

## EMERGING CONCEPTS 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 5, 2017  
8:00AM TO 5:30 PM**

The 2017 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 high rise buildings in Los Angeles and elsewhere, new innovations for structural resilience, damping in tall buildings, structural irregularities, and new guidelines for performance-based seismic design of tall buildings. 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 5, 2017**

Name \_\_\_\_\_

Firm or School \_\_\_\_\_

Address \_\_\_\_\_

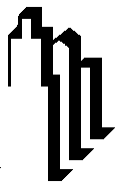
City, State, Zip, Country \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

Early-Bird Registration Fee (if received by April 17, 2017).....	\$250
Registration Fee (if received after April 17, 2017).....	\$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 or 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, 4<sup>th</sup> Floor  
Los Angeles, California 90015  
Tel.: (213) 483-6490; Fax: (213) 483-3084  
Internet Address: <http://www.tallbuildings.org>  
E-mail Address: [Policar@johnmartin.com](mailto:Policar@johnmartin.com)



<b>Preliminary Program for the 2017 Annual Conference May 5, 2017 – 950 S. Grand, 5<sup>th</sup> Floor, Los Angeles, CA 90015</b>	
<b>8:00-8:30AM</b>	<b>REGISTRATION / VIEW EXHIBITS</b>
8:30-8:40	WELCOME Mr. Philip Yin, President, LATBSDC
	<b>Session on Tall Building Project Case Studies</b>
8:40-9:00	1212 FLOWER TOWERS, LOS ANGELES Mr. Micheál O'Keeffe, Glotman-Simpson
9:10-9:20	4TH AND BROADWAY, SAN DIEGO Mr. Ola Johansson, Thornton Tomasetti
9:20-9:40	OCEANWIDE PLAZA TOWERS, LOS ANGELES Mr. Vladimir Volnyy, Englekirk
9:40-10:00	THE WRAPPER TOWER, LOS ANGELES Mr. Atila Zekioglu, Arup
10:00-10:30	<b>COFFEE BREAK / VIEW EXHIBITS</b>
	<b>Session on Advanced Topics</b>
10:30-11:00	SEISMIC BEHAVIOR OF COUPLING BEAMS CONSTRUCTED WITH VARIOUS TYPES OF STEEL FIBER REINFORCED CONCRETE Dr. Gustavo J. Parra-Montesinos, University of Wisconsin-Madison
11:00-11:30	VISCOELASTIC COUPLING DAMPERS FOR THE ENHANCED SEISMIC RESILIENCE OF TALL BUILDINGS Dr. Constantin Christopoulos, University of Toronto, Canada
11:30-12:00	NEW OPENSEES MODELS FOR SIMULATION OF NONLINEAR FLEXURAL AND SHEAR-FLEXURAL INTERACTION BEHAVIOR OF REINFORCED CONCRETE WALLS AND COLUMNS Dr. Krisitjan Kolozvari, California State University, Fullerton
<b>12:00-1:00PM</b>	<b>LUNCH BREAK / VIEW EXHIBITS (lunch will be served)</b>
1:00-1:10	LATBSDC AWARDS PRESENTATIONS
	<b>Session on Advanced Topics (continued)</b>
1:10-1:30	COLLAPSE RISK OF TALL CONCRETE SHEARWALL BUILDINGS UNDER LONG DURATION GROUND MOTIONS M. Fairhurst, A. Bebamzadeh, C. E. Ventura, University of British Columbia
1:30-1:50	NONLINEAR RESPONSE OF TALL RC CORE WALL BUILDINGS AND SEISMIC DESIGN USING ENHANCED RESPONSE SPECTRUM ANALYSIS Dr. Marios Panagiotou, Nabih Youssef Structural Engineers
	<b>Session on Damping in Tall Buildings</b>
1:50-2:05	VIEWPOINT 1 Dr. Eduardo Miranda, Stanford University
2:05-2:20	VIEWPOINT 2 Dr. Farzin Zareian, UCI
2:20-2:30	DISCUSSION
	<b>Session on Structural Irregularities</b>
2:30-2:45	OVERVIEW OF THE ATC-123 PROJECT Mr. Michael Valley, Magnusson Klemencic Associates
2:45-3:00	NEW STUDIES ON EFFECTS OF IRREGULARITIES ON PERFORMANCE OF SHEAR WALLS Dr. Laura Lowes, University of Washington
3:00-3:30	<b>COFFEE BREAK / VIEW EXHIBITS</b>
	<b>Session on Structural Irregularities (continued)</b>
3:30-4:00	NEW STUDIES ON EFFECTS OF HORIZONTAL IRREGULARITIES Dr. Jared DeBock, California State University, Chino
	<b>Session on New Design Criteria for Tall Buildings</b>
4:00-4:30	THE NEW PEER TBI-II GUIDELINES Mr. Ron Hamburger, Simpson Gumpertz & Heger
4:30-5:00	THE NEW 2017 LATBSDC CRITERIA Dr. Farzad Naeim, Farzad Naeim, Inc. & Mehrain Naeim International, Inc.
5:00-5:30	<b>Panel Discussion</b>
5:30	<b>ADJOURN</b>