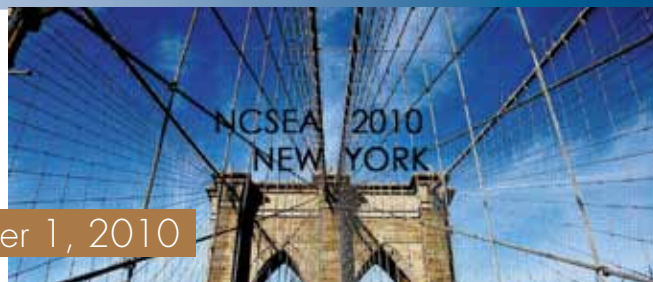




# Eighteenth Annual Conference at a glance

September 30 – October 1, 2010



News from the National Council of Structural Engineers Associations

NCSEA News

## THURSDAY, September 30, 2010

7:00 am – 8:00 am	Registration and Breakfast
8:00 am – 8:15 am	Welcome and Opening Remarks
8:15 am – 9:00 am	<b>Keynote Address</b> <i>Robert D. LiMandri, Commissioner, NYC DOB</i>
9:00 am – 10:00 am	<b>Wood Frame 7-Story Building on Shake Table in Japan</b> <i>Steve Pryor, Simpson Strong-Tie</i>
10:00 am – 10:30 am	Coffee Break
10:30 am – 11:45 am	<b>High Strength Concrete Design Including Freedom Tower</b> <i>Caz Bognacki, Port Authority of New York and New Jersey</i>
11:45 am – 1:00 pm	Lunch Sponsor Concrete Institute Board
1:00 pm – 2:00 pm	<b>Emergency Responder Legislation</b> <i>Vicki Arbitrio, Gilsanz, Murray, Steficek</i>
2:00 pm – 2:45 pm	Afternoon Break
2:45 pm – 3:45 pm	<b>Structural Performance in Fire Conditions</b> <i>David Scott, Arup, and Ramon Gilsanz, Gilsanz, Murray, Steficek</i>
3:45 pm – 5:00 pm	<b>Lake Champlain Bridge Projects</b> <i>Ted Zoli, HNTB</i>
6:00 pm – 8:00 pm	Welcome Reception For Exhibitors and Attendees

Exhibits Open

## FRIDAY, October 1, 2010

7:00 am – 8:00 am	Registration and Breakfast
8:00 am – 8:15 am	Sponsored Speaker
8:15 am – 8:30 am	Welcome and opening remarks
8:30 am – 9:30 am	Roll Call and Introduction of Candidates
9:30 am – 10:00 am	<b>Underpinning</b> <i>Tim Lynch, NYC DOB</i>
10:00 am – 11:00 am	Coffee Break
11:00 am – 12:00 pm	<b>Masonry Standards Joint Committee</b> <i>Ed Huston, Smith &amp; Huston</i>
12:00 pm – 1:15 pm	TBD
1:15 pm – 2:15 pm	Lunch Sponsor Gary Higbee, SINY
2:15 pm – 3:00 pm	<b>East Side Access</b> <i>Colin Barratt, MTA</i>
3:00 pm – 4:00 pm	Afternoon Break
4:00 pm – 5:00 pm	<b>AISC Seismic Design Provisions: Past, Present, and Future</b> <i>James Malley, Degenkolb Engineers</i>
6:00 pm – 11:00 pm	<b>Renovation of the Guggenheim Museum</b> <i>Robert Silman and Nancy Hudson, Robert Silman Associates</i>
	Dinner at Carmine's in the Theater District – New York City's legendary family-style Italian restaurant.

Exhibits Open

## SATURDAY, October 2, 2010

7:00 am – 8:00 am	Breakfast
8:00 am – 9:00 am	Roll Call and Member Organization Remarks
9:00 am – 12:00 pm	<b>Committee Reports:</b> Advocacy, Basic Education, Code Advisory, Continuing Education, Licensing, Publications, SE Emergency Response
12:00 pm – 1:30 pm	Lunch
1:30 pm – 4:30 pm	<b>NCSEA Strategic Plan 2011-2015</b>
4:30 pm – 5:30 pm	<b>NCSEA Board of Directors Meeting</b>
6:00 pm – 7:00 pm	Reception
7:00 pm – 10:00 pm	<b>Excellence in Structural Engineering Awards Banquet</b> <i>Formal attire requested</i>

Package (details at <a href="http://www.ncsea.com">www.ncsea.com</a> )	Price after August 20, 2010	Early Bird Price
Thursday-Saturday	\$895	\$845
Thurs. Reception-Saturday	\$745	\$695
Thursday Only	\$395	\$295
Friday Only	\$395	\$295
Thursday & Friday	\$595	\$495
add Friday night	\$75	\$75
Friday night	\$150	\$150
Spouse	\$275	\$275
Awards Banquet	\$180	\$180
NYC Tour for Spouse	\$120	\$120

Register online at [www.ncsea.com](http://www.ncsea.com)

Hyatt Regency on the Hudson, Jersey City, NJ

<http://jerseycity.hyatt.com/hyatt/hotels/> or call (800) 233-1234

Use Group Code G-NCSE for special \$199 rate



## Next NCSEA Webinar June 8

Understanding and Making Full Use of ASCE 31 and 41

Presented by Chris D. Poland, S.E., FSEAOC, NAE



Buildings respond to earthquakes in a wide variety of ways, but always within the same patterns. The design guidelines for new buildings are set to achieve acceptable safety. The code uses the base shear to achieve the minimum strength required and also requires specific details of construction to contain the damage to acceptable levels. It is a prescriptive set of requirements that carefully balance strength and ductility.

Existing buildings do not have the required balance, but do often have the ability to survive. ASCE 31 and 41 provide useful tools to assist design professionals in making that determination, building-by-building. They provide the ability to judge the adequacy of the ductility that is available, given the strength that is present, using a “toolbox” of procedures that can be applied as appropriate to existing buildings. Included is a systematic process that defines target performance levels, considers earthquakes of various sizes, and provides four distinct analysis techniques and a wide variety of modeling techniques to guide the evaluating engineer into an appropriate conclusion and, when appropriate, a rehabilitation program.

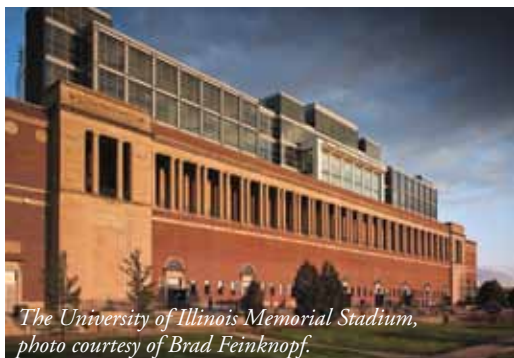
This webinar will focus on how to use these tools in a three-phased approach to evaluation and rehabilitation. A variety of actual projects will be used as examples to demonstrate how to

properly apply the documents.

Chris Poland is the Chairman and CEO of Degenkolb Engineers. His structural engineering career spans 35 years and includes a wide variety of new design work, seismic analysis and strengthening of existing buildings, structural failure analysis, and historic preservation. As an internationally-recognized authority on earthquake engineering, Mr. Poland routinely participates in policy-changing research projects sponsored by the NSF, USGS, NIST and FEMA. As an advocate for seismic safety, he actively participates in the academic, ethical and social advancement of his field by taking an active role in public advocacy, participating in numerous professional associations, leading national advisory committees overseeing earthquake engineering programs, regularly publishing technical papers, and presenting his findings in professional forums. Chris currently presides as Chair of the congressionally-mandated Advisory Committee on Earthquake Hazards Reduction for the National Earthquake Hazards Reduction Program. He also chairs the ASCE Standards Committee on Seismic Rehabilitation and led the effort needed to produce the ASCE 31 and ASCE 41 Standards.

## 2010 NCSEA EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

### Call for Entries



The University of Illinois Memorial Stadium, photo courtesy of Brad Feinknopf.

NCSEA's Annual Excellence in Structural Engineering Awards program highlights some of the best examples of structural engineering ingenuity throughout the world. Structural engineers and structural engineering firms are encouraged to enter this year's program. Projects will be judged on innovative design, engineering achievement and creativity.

Entries are due on **Friday, July 9, 2010**. Awards will be presented in October at the NCSEA Annual Meeting at the Hyatt Regency on the Hudson, Jersey City, New Jersey. Winning projects will be featured in future issues of STRUCTURE magazine. For award program rules, project eligibility and entry forms, see the Call for Entries on the NCSEA website at [www.ncsea.com](http://www.ncsea.com).



Craig Thomas Discovery and Visitor Center, photo courtesy of Nic Lehoux Photography.

