

OFFICERS AND DIRECTORS

President

John Lazzara, P.E.
HDR Engineering, Inc.
8550 W. Bryn Mawr Avenue, Suite 900
Chicago, IL 60631
(773) 380-7938

Past President

Thera Baldauf, P.E.
MWH Americas, Inc.
350 N. Orleans Street, Suite 1301
Chicago, IL 60654
(312) 831-3043

President-Elect

Dhooli Raj, P.E.
Collins Engineers, Inc.
123 N. Wacker Drive, Suite 900
Chicago, Illinois 60606
(312) 236-5119

Secretary

Megan A McDonald, P.E., LEED AP
TranSystems
222 South Riverside Plaza, Suite 610
Chicago, IL 60606
(312) 669-5824

Treasurer

John G. Green, Ph.D., P.E.
Mott MacDonald
120 South LaSalle Street, Suite 1240
Chicago, IL 60603
(312) 894-5369

Directors to 2017

Andrew Keaschall, P.E., S.E.
(312) 565-0450
Patrick Lydon, P.E.
(920) 737-5306
Andrew Walton, P.E.
(312) 930-5165

Directors to 2018

Katie Bell, P.E.
(630) 863-5123
Brett Sauter, P.E., S.E.
(773) 355-2936
Don Oliphant, P.E.
(847) 823-0500

Chair, Geo-Institute

Ati Fathi, P.E.
GEI Consultants, Inc.
30 N. LaSalle, Suite 1515
Chicago, IL 60602
(312) 985-0364

Chair, Structural Engineering Institute

Kendra Bleers, P.E., S.E.
Jacobs
525 W. Monroe, Suite 1600
Chicago, IL 60661
(312) 612-7234

Chair, Environmental & Water Resources Institute

Brian Olson, P.E.
Greeley and Hansen
100 S. Wacker Drive, Suite 1400
Chicago, IL 60606
(312) 578-2476

Chair, Urban Planning & Development Group

Jay Olson, P.E.
GSG Consultants, Inc.
910 West Lake Street, Suite 110
Roselle, IL 60172
(630) 536-6807

Chair, Transportation & Development Institute

Thomas Borges, P.E.
Bloom Companies, LLC
150 N. Wacker Drive, Suite 1650
Chicago, IL 60606
(312) 248-8628

Chair, Younger Member Group

Monica Crinion, P.E.
WBK Engineering, LLC
8 East Galena Boulevard, Suite 402
Aurora, Illinois 60506
(630) 338-8555

ILLINOIS SECTION
AMERICAN SOCIETY OF CIVIL ENGINEERS

35W749 Bluff Drive, St. Charles, IL 60175

Phone * (630) 443-8145

EMAIL: illinoissection@isasce.org * WEBSITE: <http://isasce.org>



STRUCTURAL
ENGINEERING
INSTITUTE

Illinois Chapter

SEI ILLINOIS CHAPTER
MAY LUNCH MEETING

Practical Design of Bolted and Welded Steel Connections
(On Demand ASCE Webinar)

Purpose and Background:

Design of steel connections goes hand-in-hand with the design of structural members. Quite often the connection proves to be the weakest point of the structure, with predictable consequences. Indeed, a number of recent construction failures and accidents that led to inevitable litigation involved steel connections. There is plenty of information on the topic, but some engineers may not have kept up with the changes in the authoritative documents and still use obsolete design procedures. While many of the old designs worked well enough, there is a good practical reason to learn about the new approaches, as they tend to yield more economical solutions. This webinar provides a concise and to-the-point overview of the most practical issues involved in the design of bolted and welded connections found in structural steel buildings.

Webinar Outline:

- Become familiar with the latest connection provisions in the AISC Specification and AISC Manual for Bolted, Welded, and Simple Shear Connections
- Learn which methods of bolt tightening are reliable, when washers are needed, and how to design bolt groups for eccentric loading
- Explore the methods of assuring ductility in single plate bolted connections
- Understand how the rules for designing welds and weld groups have changed
- Explore whether one-sided welds are acceptable, how to weld in winter, and if welding through coatings is acceptable

Additional Information:

Lunch will be provided for those with RSVP.
Please indicate any dietary restrictions with RSVP.
Maximum of 30 attendees is allowed for this session.

[ASCE Course Description](#)

Date & Time: May 4th, 2017
11:30 am to 1:00 pm

Location: Milhouse Engineering & Construction, Inc.
60 E. Van Buren St. Suite 1501, Chicago, IL

Cost: \$20 – with reservation on or before May 2nd, 2017
\$20 – late RSVP (responsible for your own lunch)
Make checks payable to ASCE Structural Group

CEU: 0.2 CEU (2 PDH equivalent) will be awarded through ASCE continuing education at the completion of a test. Steps to follow will be provided at the completion of webinar.

RSVP: Stephen Long, asce.il.struct@gmail.com by May 2nd, 2017