WHO ATTENDS?
The participants are a diverse group of engineers from local, state, and federal agencies; consulting and contracting firms; and universities. The conference is designed for professionals in structural engineering to discuss exciting new developments in the field, gain timely job-related information, network with colleagues, and renew their sense of professional purpose.

CONFERENCE PLANNING COMMITTEE
The Conference program was developed by a distinguished group of practicing structural engineers from the Chicago, central Illinois, and St. Louis regions, in cooperation with the structural engineering faculty of the University of Illinois at Urbana-Champaign.

CONTINUING EDUCATION CREDITS
The conference will provide 5.5 hours of credit towards the State of Illinois structural engineering license continuing education requirements. It will provide 6 PDHs for professional engineers.

EARLY REGISTRATION FEE
$170 :: on or before April 1, 2016

LATE REGISTRATION FEE
$195 :: after April 1, 2016

CANCELLATIONS
If you register and find you cannot attend, a refund, less a $25 processing fee, will be made if you notify the Conference Services office (217-244-9687 or nsimp1@illinois.edu) by April 3, 2016. No refunds will be granted after April 3, however, substitutions are allowed.

PLACES TO STAY

I HOTEL AND CONFERENCE CENTER
1900 South First Street
Champaign, Illinois 61820
217-819-5000

$122.00 (plus taxes) :: single or double
Room block cut-off date: 3.6.16
https://bookings.ihotelier.com/bookings.jsp?groupId=1576803&hotelID=15044

HAWTHORN SUITES BY WYNDHAM
101 Trade Centre Drive
Champaign, Illinois 61820
217-398-3400

$89.99 king :: $94.99 two queen
(plus taxes)
Room block cut-off date: 3.19.16
Mention “Structural Engineering” when making your reservation.
Rate includes hot buffet breakfast.
## SCHEDULE

### PLENARY SESSION
Presiding: Professor Jim LaFave

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:50 AM</td>
<td>WELCOME</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>STRUCTURAL DESIGN LOADS: THE ARBITRARY (AND SOMETIMES IRRATIONAL) SIDE OF THE EQUATION</td>
</tr>
<tr>
<td></td>
<td>Howard Hill, Wiss, Janney, Elstner Associates, Inc. (Northbrook, IL)</td>
</tr>
<tr>
<td>9:40 AM</td>
<td>DESIGN AND CONSTRUCTION OF THE CHICAGO RIVERWALK: STATE STREET TO LAKE STREET</td>
</tr>
<tr>
<td></td>
<td>Kurt Naas and Matthew Hellenthal, Alfred Benesch &amp; Company (Chicago, IL)</td>
</tr>
<tr>
<td>10:20 AM</td>
<td>BREAK</td>
</tr>
<tr>
<td>10:40 AM</td>
<td>SAN FRANCISCO INTERNATIONAL AIRPORT’S NEW AIR TRAFFIC CONTROL TOWER:</td>
</tr>
<tr>
<td></td>
<td>PERFORMANCE-BASED DESIGN OF A VERTICALLY POST-TENSIONED SELF-CENTERING TOWER</td>
</tr>
<tr>
<td></td>
<td>Rafael Sabelli, Walter P Moore (San Francisco, CA)</td>
</tr>
<tr>
<td>11:20 AM</td>
<td>TOWARD RECIPROCITY AND LIFE CYCLE OPTIMIZATION:</td>
</tr>
<tr>
<td></td>
<td>PERFORMANCE-BASED SERVICE LIFE DESIGN</td>
</tr>
<tr>
<td></td>
<td>Peter Elza, Parsons (Chicago, IL)</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>LUNCH</td>
</tr>
</tbody>
</table>

### CONCURRENT SESSIONS

#### CONCURRENT SESSION 1: BUILDING STRUCTURES
Session Moderator: Professor Frank Lombardo

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM</td>
<td>MAKING STEEL FIRE PROTECTION EASY</td>
</tr>
<tr>
<td></td>
<td>Charlie Carter, American Institute of Steel Construction (Chicago, IL)</td>
</tr>
<tr>
<td>1:40 PM</td>
<td>LONDONHOUSE HOTEL AT 360 NORTH MICHIGAN</td>
</tr>
<tr>
<td></td>
<td>David Nickell, TGRWA, LLC (Chicago, IL)</td>
</tr>
<tr>
<td>2:20 PM</td>
<td>BREAK</td>
</tr>
</tbody>
</table>

#### CONCURRENT SESSION 2: BRIDGE STRUCTURES
Session Moderator: Professor Larry Fahnestock

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM</td>
<td>A PRECAST NETWORK ARCH BRIDGE: FORT WORTH, TX</td>
</tr>
<tr>
<td></td>
<td>Dean Van Landuyt, HNTB Corporation (Austin, TX)</td>
</tr>
<tr>
<td>1:40 PM</td>
<td>OHIO RIVER BRIDGES PROJECT: NEW I-65 CABLE STAYED BRIDGE AND REHABILITATION OF THE JOHN F. KENNEDY TRUSS BRIDGE</td>
</tr>
<tr>
<td></td>
<td>John Finke, Jacobs (St. Louis, MO)</td>
</tr>
<tr>
<td>2:20 PM</td>
<td>BREAK</td>
</tr>
<tr>
<td>2:40 PM</td>
<td>DESIGN AND CONSTRUCTION OF THE CTF FINANCE CENTRE TOWER</td>
</tr>
<tr>
<td></td>
<td>Ronald Johnson, Skidmore, Owings &amp; Merrill LLP (Chicago, IL)</td>
</tr>
<tr>
<td>3:20 PM</td>
<td>SOUTH PARK BRIDGE REPLACEMENT: A DOUBLE-LEAF BASCULE BRIDGE DESIGNED FOR SEISMIC PERFORMANCE AND RESILIENCY</td>
</tr>
<tr>
<td></td>
<td>Gregory Harrell, HNTB Corporation (Tampa, FL)</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>ADJOURN</td>
</tr>
</tbody>
</table>
Ways to Register

EARLY REGISTRATION DEADLINE: APRIL 3, 2016

METHOD OF PAYMENT

- Check enclosed payable to the University of Illinois
- Please charge credit card:
  - Visa
  - MasterCard
  - AmEx
  - Discover

Card #: ____________________________
Exp. Date: __________ Security Code: __________

REGISTRATION FEES

- Early Registration Fee: $170 (on or before April 1)
- Late Registration Fee: $195 (after April 1)
- Student Registration Fee: FREE
- Student Lunch: $13

TOTAL AMOUNT DUE: $ ____________

CONTACT INFORMATION

Please type or print name exactly as it should appear on badge

First Name: ____________________________
Last Name: ____________________________
Contact Person: _________________________
Company/Organization: __________________
Address: _______________________________
City: __________________ State: ______ Zip: _______
Phone: ______________ Fax: ______________
E-mail*: _______________________________

*Your E-mail address will be used by the University of Illinois and will not be shared with others.

WEB SITE: Go to www.conferences.illinois.edu/structural to register online.

FAX: Fax your registration form to 217-333-9561 (available 24 hours).

PHONE: Call 217-244-9687 to register by phone.

MAIL: Mail your registration form and payment to:

Structural Engineering Conference
University of Illinois at Urbana-Champaign
901 West University Avenue, Ste 201, MC-260
Urbana, IL 61801-2777

Go to www.conferences.illinois.edu/structural to register online.

Fax your registration form to 217-333-9561 (available 24 hours).

Call 217-244-9687 to register by phone.

Mail your registration form and payment to:
Structural Engineering Conference
University of Illinois at Urbana-Champaign
901 West University Avenue, Ste 201, MC-260
Urbana, IL 61801-2777

The Security Code is a 3-digit, non-embossed number printed on the upper right corner of the signature panel on the back of Visa, MasterCard, and Discover cards. On American Express, the 4-digit number is printed above the account number on the front of the card. The Security Code is recorded as an additional security precaution.