

Event Calendar:

- September 21 - Structural Conference
- Multi-Conference Leadership Conference - February 8-9

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September Meeting

Date: Thursday, September 20th, 2018

Host: Nebraska Section Structural Technical Committee

Spouses and Guests Welcome

Location:

Anthony's Steakhouse
7220 F Street
Omaha, NE 68127

Program: "An Innovated Seismic Fuse for Structural Resiliency"

Presenters: Dr. Jay Puckett, P.E., Ph. D, F.ASCE - BridgeTech and UNL

Dr. Puckett is a licensed engineer who has worked in research and development for over 30 years. He was a sub consultant to Modjeski and Masters in the development of the LRFD Bridge Design Specification (NCHRP 12-33). He has conducted numerous research projects in the area of software development and physical testing of bridges and bridge components ranging from lightly reinforced bridge decks, geotextile-reinforced approach embankment fills, asphalt joints, temperature effects, and wood girders.

Software development efforts include analysis, design, and rating tools for steel, concrete, prestressed concrete, and wood. Dr. Puckett was a sub consultant to Michael Baker, Jr., Inc. for the development of the AASHTOWare Bridge Design and Rating (BrDR) systems (formerly Virtis®/Opis®). He is a consultant to the Wyoming Department of Transportation for the development and maintenance of the BRASS™ software suite and is developing programs for the analysis, design review and rating of bridges (BRASS-LRFD) and a program for LRFD culvert design and rating.

He has been PI on NCHRP 12-50 (Software Validation Guidelines) and 12-62 (Simplified Live Load Distribution Factors). Recently in NCHRP 20-07 (209), Dr. Puckett has worked with SCOBS T-12 on the rewrite of the Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. He is the principal investigator for NCHRP 10-80 to revise the LTS to LRFD. Dr. Puckett has published over 100 articles and presentations related to bridge engineering. He regularly speaks at the AASHTO Bridge Subcommittee meetings and other practice-oriented forums. He is author of a John Wiley book, Highway Bridge Engineering—Based on AASHTO LRFD, Third Edition.

Times: 6:00 pm	Social Hour
6:30 pm	Dinner
7:00 pm	Meeting Presentation

Menu/Price:

8 oz Sirloin, baked potato, roasted vegetables

Parmesan crusted roughy, rice pilaf, roasted vegetables

Pasta primavera

ASCE Members \$15.00 with meal or \$10.00 without, Guests \$20.00
Payable to NEASCE at the door (cash, check, or credit card).

Life Members and Students are FREE....but you must register.

Registration/Deadline:

Sign up by 12:00 pm Tuesday, September 17, 2018 [HERE](#).



Greg Seib, PE, M.ASCE

From the President

Greetings Nebraska Section! I'd like to welcome everyone to the start of another year in ASCE. We are kicking off our year of conferences and monthly meetings with the Structural meeting on Thursday September 20th at Anthony's steakhouse in Omaha and the Structural Conference on Friday September 21st at the Scott Conference Center in Omaha. ASCE Nebraska Section welcomes Dr. Jay Puckett as the presenter for the Structural meeting.

In the upcoming year, ASCE will continue to host three annual conferences:

- * Structural Conference (September 21, 2018)
- * Geotech Conference (February 7-8, 2019)
- * Transportation Conference (April 26, 2019)

ASCE Nebraska Section's monthly meetings will consist of technical presentations in the following areas:

- * Structural meeting (September 20, 2018)
- * Construction (October 2018)
- * Management (November 2018)
- * Water Resources (January 2019)
- * Geotech (February 2019)
- * Environmental (March 2019)
- * Transportation (April 2019)
- * Annual Banquet/Meeting (May 2019)

In addition to the regular conferences and meetings there are numerous ways to get involved in ASCE including school outreach events, Truss Bustin' competition, Future City competition, Younger Member Group (YMG) activities, career fairs, E-Week events/outreach, Habitat for Humanity builds, and many others. If you would like to get involved in any of these activities or take on any leadership roles in ASCE, please stay on the lookout for our emails and newsletters this year and contact any of our board members if you want more information

Sincerely,

Greg Seib, President, ASCE Nebraska Section

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Thirty-Eighth Annual Structural Conference

Friday, September 21, 2018

Scott Conference Center

Omaha, Nebraska

Who should attend?

This conference will provide an opportunity for the practicing engineer to keep abreast of changing aspects of the profession. This conference will emphasize practical applications used in engineering.

Location

The **Scott Conference Center** is located at 6450 Pine Street in Omaha, Nebraska. Parking in **Lot 9** across from the Scott Conference Center is complimentary. For a map of the site see: <http://www.scottcenter.com/contact/>

Directions from the South: From I-80 and 72nd Street, go north on 72nd Street, left if coming from the west (1.5 miles), right (1.3 miles) if coming from the east. Take 72nd Street to Pine Street. Turn right on Pine Street for .6 miles. The Scott Conference Center is located near the curve in the road.

Directions from the West: From I-680 & Pacific Street, go east to 67th Street. Turn right on 67th Street. Go to Pine Street, take a left. The Scott Conference Center is located near the curve in the road.

Planning Committee

Michael Baurnert, NelsenBaurnert Engineering, Inc.
Jennifer Dnrig, Vilsa Jarrey, Estner Associates, Inc.
Jeff Ertler, InfraStructure, LLC
Todd Feldman, HDRArchitecture, Inc.
Scott Gilliland, InfraStructure, LLC
Mark Holland, Paxson & Verling Steel Co.
Rich Kotan, HDREngineering, Inc.
Gary Krause, University of Nebraska
Nancy Melby, LeoADdy
Mark Pezniak, Pezniak Engineering, Inc.

Annual Structural Conference

SEAON

P.O. Box 540068

Omaha, Nebraska 68154

Route 1a:



Thirty-Eighth Annual
Structural Conference
Friday, September 21, 2018

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Deanna Chambers, P.E.

email: dchambers@groundimprovementeng.com

call: 402.651.1673 web: groundimprovementeng.com

Thirty-Eighth Annual Structural Conference

Friday, September 21, 2018 - Scott Conference Center, Omaha, Nebraska
Please photocopy this form for additional attendees

Annual Structural Conference

SEAON
P.O. Box 540068
Omaha, Nebraska 68154

Contact: Rich Kotan (402) 657-4327
rkotan@gmail.com

You may also register online at
WWW.SEAON.ORG

☐ Full-Time Student

Name of College or University:

Name Company
Address Phone
City State Zip
Email

☐ ASCE NE / SEAON Member

Registration fee is \$150 for ASCE Nebraska Chapter and SEAON members if received by Friday, September 7, 2018. Non-member and/or late registration fee is \$175. Full-time student fee is \$50.

Thirty-Eighth Annual Structural Conference

Program

7:00 Registration

Morning Session

Presiding: Todd Feldman, HDRArchitecture, Inc.

7:45 High Rise Wood Construction

Mark Bartlett, FE, Woodworks

8:45 Tornado Wind Design Using ASCE 7-16

William L. Coulbourne, FE

Coulbourne Consulting

10:15 Break

10:30 MNDOT - U.S. 53 Relocation Project

Jason Gagnon & Logan Minvale

Mavit Infrastructure West

11:30 Lunch

Afternoon Session

Presiding: Mark Holland, Paxton & Verling Steel

12:30 Ethics

Bruce Smith, Esq., Woods & Allen - Omaha

1:30 ACI 562 - A Code for Repair of Existing

Concrete Structures

Jared E. Blevins, SE, FE, Simpson Gumpertz & Heger

2:30 Break

2:45 3rd Edition Seismic Design Manual

Michael Gannon, SE, FE, ASC

3:45 Cather & Pound Halls Demolition

Richard Wood, Christine Wittich, & Dan Linzell,

UNL

4:45 CLOSING REMARKS & 2019 Conference

5:00 Adjourn

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ASCE American Society
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Nebraska Section

Admission to the conference is by registration. To assure registration, complete the registration form and mail early.

The Fee covers breaks, lunch, and handout materials.

Make checks payable to **Annual Structural Conference**.

Refunds will be made if the conference is canceled or if the applicant cancels no later than five working days prior to the conference date.

Mail your registration to:
Structural Conference

SEAON

P.O. Box 540068

Omaha, Nebraska 68154

You may also register online at WWW.SEAON.ORG

Certificates for **7.5 Professional Development Hours** will be awarded at the conclusion of the conference.

Special Conference Offer

The "3rd Edition AISC Seismic Design Manual" will be handed out to all attendees. A \$200 value.



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Upcoming Events and Seminars

Region	Program	Full Dates	City/ State
3, 6, 7	Multi-Region Leadership Conference	Feb. 8-9, 2019	Dallas, TX

ASCE Continuing Education

ASCE currently holds more than 300 live webinars annually and has available more than 400 on-demand webinars covering a wide variety of technical and management topics. To access these webinars, see the following links below:

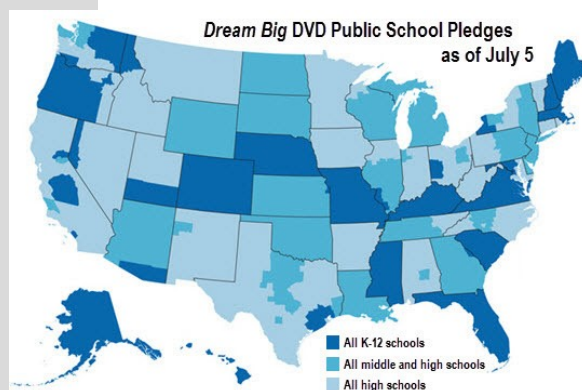
ASCE's [live webinars](#) provide cost-effective training for large and small groups. Use Promo Code **WEBNEBSEC** to secure your preferred rate.

ASCE's [on-demand webinars](#) provide real-world knowledge and convenient delivery to fit your demanding schedule. Use Promo Code **WEBNEBSEC** to secure your preferred rate.

Dream Big Film NEASCE Contribution

ASCE worked with MacGillivray Freeman Films to produce a DVD that takes viewers on a journey of discovery from the world's tallest building to a bridge higher than the clouds. Along the way, the audiences witness how today's engineers are shaping the world of tomorrow. Below is a figure of the what schools around the country will be receiving the DVD.

To help educate the future engineers and bright young minds, the Nebraska Section of ASCE voted to contribute 1/2 of the funds to provide all public and private schools in the state with a copy of the DVD. Due to our contribution, the National ASCE agreed to match our contribution so all of the public and private schools in the state would receive a copy of the film.



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www.neasce.org

**The Nebraska Section of ASCE
is an active organization of over
600 members who are diverse
in practice & geography. ASCE
represents more than 150,000
civil engineers nationwide and
is America's oldest national
engineering society.**



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The Nebraska Civil Engineer

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Thank you to the businesses that support this
newsletter through their contributions.

For underwriting information, contact Tyler
Schmidt, Fundraising Chair, at 402-553-0234
x120 or tschmidt@is-ecg.com

Deadline for articles to be published in the October newsletter will be
September 30. Email articles to Tyler Schmidt at tschmidt@is-ecg.com