



Newsletter of the
Structural Engineers
Association of Oregon

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SEAO has a LinkedIn account
and can be followed at [SEAO
LinkedIn Page](#).

CONNECTIONS

July 2023 Volume 22 Issue 9

Upcoming SEAO Meetings and Events:

July 12—July 26, 2023: SE3-OR Transparency Survey
See Page 4 for information.

Thursday, July 20, 2023: SE3/YMF Speed Mentoring Event
Time: 5:30 pm to 8:00 pm
Location: Rogue Eastside Brewery, 928 SE 9th Avenue, Portland, OR
See Pages 4 and 8 for Additional Information and flyer

Tuesday, September 12, 2023: SEAO Chapter Lunch Meeting (SAVE THE DATE)
Topic: To Be Determined
Speaker: To Be Determined
Location: Portland City Grill, 111 SW Fifth Avenue, 30th Floor, Portland, OR
Time: 11:30 am Check-in/Lunch Buffet; Noon-1 pm Program

September 14— September 15, 2023: SEA NW Conference
Location: Hilton Bellevue, 300 112th Avenue SE, Bellevue, WA
See Page 2 for more information

September 28—September 29, OSBEELS 2023 Symposium: Traverse
Virtual Educational Sessions Featuring a Wide Array of Engineering and Surveying Topics and Projects.
Registration Opens: August 1, 2023
PDHs: Possible 14 PDHs.

Tuesday, October 10, 2023: SEAO Chapter Lunch Meeting (SAVE THE DATE)
Topic: To Be Determined
Speaker: To Be Determined
Location: Portland City Grill, 111 SW Fifth Avenue, 30th Floor, Portland, OR
Time: 11:30 am Check-in/Lunch Buffet; Noon-1 pm Program

Thursday, October 12, 2023: OrSAP/ATC 20/45 Training (SAVE THE DATE)
Location: Embassy Suites at Washington Square, 9000 SW Washington Square Road, Tigard, OR
Time: 8 am to 4 pm
See Page 5 for SEER Information

November 7— November 10, 2023: NCSEA Structural Engineering Summit
Location: Disneyland Hotel, Anaheim, CA
See Page 3 for more information

Tuesday, February 13, 2024: SEAO Structural Engineering Awards Banquet (SAVE THE DATE)
See page 4 for more information.

CONNECTIONS is a monthly publication of the Structural Engineers Association of Oregon, published to disseminate current news to our membership and others involved in the profession of structural engineering. The opinions expressed reflect those of the author and, except where noted, do not represent a position of SEAO.

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**SEA NORTHWEST CONFERENCE
 SEPTEMBER 14-15, 2023
 BY: R. SCOTT DOUGLAS, SEAW SEATTLE**

The Seattle Chapter of SEAW is excited to be the host for the 2023 Northwest Conference, "Innovation in Structural Engineering," taking place this year at the Bellevue Hilton on September 14 and 15.

The early registration discount is in effect until August 1. Besides the numerous professional benefits, the Conference will offer attendees the opportunity to visit downtown Seattle, 12 miles west of the Bellevue Hilton. Besides the extraordinary Amazon Spheres, additional attractions in downtown Seattle include:

- Pike Place Market and Seattle Waterfront
- Seattle Center, with the Space Needles's new glass floor and the Museum of Pop Culture (MoPOP). [Current Exhibitions in Seattle WA | Museum of Pop Culture \(mopop.org\)](https://www.mopop.org) .
- T-Mobile Park, site of last week's MLB All-Star Game, with Friday and Saturday evening and Sunday afternoon games with the LA Dodgers after the conference.

Registration and additional information can be found at: [2023 SEA NW Conference — SEAW](https://www.seaw.org/2023seanwconference). See pages 9 through 11 for the complete conference schedule.

SEA NORTHWEST CONFERENCE



Benefits

- Opportunity to Visit Seattle Attractions
- Discount Registration thru August 01
- Most Affordable SEA Conference
- Reconnect with SEAO Colleagues and Meet new Members from Neighbor SEA's
- Collaborate, Exchange Ideas, Share Challenges
- Eleven Main Presentations plus Six Exhibitor Presentations - 14.0 Professional Development Hours
- Trade Show with 38 exhibitors providing contacts, resources and solutions for everyday problems

Flexibility to attend:

- Full conference or one day registration
- Free hotel parking



<https://www.seaw.org/2023seanwconference>

The 2023 SEA Northwest Conference Steering Committee includes: Chun Lau (chair), Scott Douglas (Technical Subcommittee Chair), Shalini Prochazka, Darrell Staaeson Michelle Yee, and Jessica Lim.

Any questions please feel free to contact R. Scott Douglas at sdouglasscott@gmail.com.

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NCSEA STRUCTURAL ENGINEERING SUMMIT

NOVEMBER 7-10, 2023

[HTTPS://WWW.NCSEASUMMIT.COM](https://www.ncseasummit.com)



This year's summit is being held at the happiest place on earth to network and learn with the happiest engineers around. Interact with and learn from leaders in the field, curious problem solvers, and expert speakers. Stay current on advancements and best practices in structural engineering and building and design codes—in education sessions and in the Exhibit Hall. Discuss technical, business, and industry challenges—and work toward solutions in a collaborative community. Build your business and leadership skills. Reconnect and network with those in your professional community.

Program Overview: Programming is focused on structural engineering content for both technical and non-technical practitioners and offers up to 14.5 hours of professional development. Specific content areas include best design practices, new codes and standards, recent project case studies, advanced analysis techniques, management and business practices, diversity and inclusion, resilience, and sustainability.

Venue & Local Information: Delight in this sleek, ultra-modern hotel that pays homage in sight and sound to the original lands of Disneyland Park. Stay in the Adventure, Fantasy or Frontier tower—and be surrounded by the wonder of Disneyland past and present. Check back soon for detailed information on room reservations, along with restaurant recommendations and fun places to explore, all within walking distance.

Awards Celebration: Each year, the NCSEA Awards Celebration spotlights the ingenuity, creativity, innovation, leadership, and service in the structural engineering world. Held on Thursday evening at this year's Summit, the celebration includes a reception, awards presentation, and after-party with food, drinks, and entertainment, along with opportunities to network with award winners and attendees. It is sure to be a memorable evening!

Exhibit Hall: Visit the largest structural engineering focused Exhibit Hall in the industry and discover countless solutions and resources to help you through your everyday challenges. Connect with industry partners. Learn about their products, services, innovations, and updates. All in a festive and interactive environment catered to you—the practicing structural engineer.

Registration: Visit <https://www.ncseasummit.com/registration2023> to register and reserve your room.

Schedule: Visit <https://www.ncseasummit.com/program2023>.

**SE3 & YMF PRESENT:
SPEED MENTORING
THURSDAY, JULY 20, 2023**

Please join us on **Thursday July 20** from **5:30 to 8:00 PM** at the **Rogue Eastside Brewery**, 928 SE 9th Avenue, Portland, Oregon, for refreshments, fun, and mentoring! The SE3 Mentorship Team aims to offer younger engineers opportunities to meet with more experienced professionals. This speed mentoring event is a one-time, two-hour session and focuses on time-efficient conversations, quick advice, immediate mentorship guidance, and professional networking. Food and beverages are provided, engineers of all levels are welcome to attend, and the event is **free!**

Please fill out the form linked here if you are interested in attending and would like more information: <https://app.smartsheet.com/b/form/da95b9e9347c4e6d854b4baace13271d>

The event is still looking for Mentors with more than 10 years of experience. Please pass along the information if you know someone who would like to come.

See flyer on page 8 for information.

**2023 SEAO EXCELLENCE IN
STRUCTURAL ENGINEERING
AWARDS
FEBRUARY 13, 2024
SAVE THE DATE**

The SEAO Awards Committee is planning for the 2023 SEAO Awards.

Categories may be modified and website will be updated with new entry requirements and open for entry submissions in June, 2023. SEAO will notify all members when the website is officially be open to receiving entries.

We anticipate a deadline for submissions in early November, 2023.

We want to see what you have been working on! Start thinking about a project or projects you want to enter.

SE3-OR TRANSPARENCY SURVEY: JULY 12-26, 2023

The Structural Engineering Engagement and Equity (SE3) Committee of Oregon and Southwest Washington is excited to request your participation in the new **SE3-OR Transparency Survey**.

The goal of this survey is to provide local structural engineers and their employers with information to better understand the current professional climate. Data will be collected over a **2-week period, July 12-26th**, and in the coming months our Work-Life-Balance committee will share aggregated information on the results. We hope the survey will help create useful dialogues in our community.

Please feel free to share this link with your coworkers and peers.

<https://forms.office.com/r/spD5ZwKG77>.

YMF UPDATE

The YMF group encourages its members to participate in the Speed Mentoring event hosted by the SE3 committee. See page 4 for more information about this event.

Last month, the YMF had a fun joint happy hour with Kate from Woodworks. All got to have some great chats about wood and there was a good turnout.



If you have any questions about YMF or future events, please contact SEAO YMF Co-Chairs, Emma Olds and Eric Esqueda at yfm.seao@gmail.com.

SEER UPDATE

The new OrSAP program continues to take shape in Salem. The website has been up for awhile if anyone wants to take a look. After completing training, applicants will go to this site to fill out the application form: [Oregon State Police : Oregon Safety Assessment Program : Office of the State Fire Marshal : State of Oregon](#). There have been a few hybrid trainings held this year. Some have been a combined OrSAP/Cal OES SAP training and others have been ATC 20/45 with an OrSAP module. Both options have taken about a day.

Fall OrSAP/ATC 20/45 training opportunity: There will be an OrSAP/Cal OES SAP training offered through SEAO on October 12, 2023, at the Embassy Suites at Washington Square in Tigard, Oregon. The training will cover ATC 20 and 45 with specific information on the OrSAP program. Those in attendance will be able to apply on the OrSAP website for inclusion in the OrSAP system and receive an ID card. As there is still no formal OrSAP standalone training, the session will be paired with Cal OES SAP training, so applicants will also be entered into the Cal OES SAP system, if desired. Cal OES SAP also issues an ID card with registration. Please reach out to seer@seao.org if you have interested in taking the course. More information on this training option will be provided in the future.

Other training opportunities: Our neighbors in Washington state (Washington Emergency Management Division) have provided funding for some FEMA NETAP web-based training that is open to Oregon residents. If you are interested in FEMA P-154 or FEMA P-50 training, among others, there are some options available. The website has a list of courses with registration links. [NETAP Training List - Pacific Course Sharing Zone - 2023.pdf - Google Drive](#). An ATC-20 training is on the list for August. The ATC-20 training could be used in conjunction with an additional OrSAP specific module training (about 90 minutes) to apply for OrSAP registration. The ATC 20 path could be used instead of taking the OrSAP/ATC20/45 training in October, but an additional OrSAP-specific module with a few ATC 45 slides would be needed before names could be presented to OrSAP for approval. Please email seer@seao.org or David.tarries@portlandoregon.gov if you have interest in this approach to getting OrSAP credentialed.

Please email SEER or David Tarries at emails listed above if there are any other OrSAP training questions or comments.

NCSEA UPCOMING LIVE WEBINARS

REGISTER AT: [HTTP://WWW.NCSEA.COM/EDUCATION/WEBINARS/](http://www.ncsea.com/education/webinars/)

August 1, 2023, 10 am Pacific Time (Fee for Webinar)

Optimizing Steel Design: A Guide for Collaboration between Engineers and Steel Fabricators/Erectors

Speaker: Tyler Winkley, P.E., S.E., Director of Preconstruction at SME Steel Contractors

This presentation provides valuable insights for structural engineers collaborating with steel fabricators and erectors. It focuses on optimizing building designs for efficient steel fabrication and erection, with an emphasis on material pricing, cost drivers, material selection for different applications, efficient connection design, and considerations for constructability. Lastly, the presentation will highlight how collaborative relationships between structural engineers and steel fabricators/erectors, combined with effective communication, coordination, and early involvement, can lead to successful projects. (1 PDH)

August 10, 2023, 10 am Pacific Time (FREE Webinar & PDH)

3rd Annual Structural Engineering Innovation & Excellence Webinar Series—New Bridges or Transportation Structures: 1-74 Bridge Over the Mississippi River

Speakers: Andrew Keaschall, P.E., S.E., Manager of Illinois Division of Alfred Benesch & Company; Thomas Murphy, PhD, P.E., S.E., Senior Vice President & Chief Technical Officer at Modjeski & Masters

The I-74 reconstruction is a \$1.2 billion endeavor that involves almost 8 miles of interstate reconstruction and widening in Illinois and Iowa. The new roadway provides significant improvements to mobility in the region via added capacity and modernization. The signature elements of the project are twin basket handle true arch bridges over the navigation channel of the Mississippi River, each with span length of 791'. The eastbound structure is unique in that it also carries a bike trail over the river which provides even more connectivity within the region. This mega project is nearing completion with all traffic now using the new roadway and bridges. (1 PDH)

August 15, 2023, 10 am to 11:30 am Pacific Time (Fee for Webinar)
Concrete: Reducing Embodied Carbon

Speakers: Emily Lorenz, P.E., F-ACI; Shana Kelly, P.E., S.E., KPFF Consulting Engineers; Alana Guzzetta, P.E., Vulcan Materials Company
How do we reduce the embodied carbon in concrete? Solutions exist both in your design and in your specification and we're going to dive a little deeper in this series with some ideas you may not have heard before! Come hear from an industry representative, a design engineer and a material supplier about effective strategies for reducing the embodied carbon in concrete. (1.5 PDH)

August 22, 2023, 10 am to 11:30 am Pacific Time (Fee for Webinar)
Wood: Maximizing the Sustainable Benefits

Speakers: Jennifer Cover, MS, P.E., Woodworks; Greg Kingsley, PhD, P.E., KL&A Engineers and Builders; Michaela Harms

Wood construction is often chosen to reduce the carbon footprint of a project. Learn how to maximize the sustainable benefits of wood and mass-timber construction through the real-world examples covered in this webinar. The presentation will cover a wide range of topics while also providing the practicing engineer useful design and specification takeaways. (1.5 PDH)

August 24, 2023, 10 am to 11:15 am Pacific Time (Fee for Webinar)
Identifying, Evaluating, and Correcting Punching Shear Deficiencies in Flat Plate Construction

Speakers: Andrea Shear, P.E., Wiss, Janney, Elstner Associates, Inc; Matthew Fadden, PhD, P.E., WJE

The 2021 collapse of Champlain Towers South in Surfside, FL has emphasized the importance of identifying, evaluating, and correcting punching shear deficiencies in flat plate construction. In practice, punching shear related cracking can be challenging to identify as cracking is usually concealed. Current and previous code equations are of limited use for evaluating the punching shear capacity of slabs with excessive top cover and low reinforcement ratios. This presentation describes approaches to screening for punching shear deficiencies, field evaluation of existing conditions, and punching shear strength evaluation. Also presented are cost-effective retrofits for strengthening slab/column regions where deficiencies have been identified. (1.25 PDH)

August 29, 2023, 10 am to 11:30 am Pacific Time (Fee for Webinar)
Steel: Going Deeper with Structural Sustainability

Speakers: Max Puchtel, P.E., S.E., AISC; Don Davies, P.E., S.E., Davies-Crooks Associates; Luke Johnson, P.E., S.E., Nucor

Where exactly is the embodied carbon in fabricated structural steel? And what can you do to manage it? Solutions exist both in your design and in your specification! Come hear from AISC, Nucor, and a steel design engineer about effective strategies for reducing the embodied carbon in your fabricated structural steel package - complete with real-life examples! (1.5 PDH)

September 14, 2023, 10 am Pacific Time (FREE Webinar & PDH)

3rd Annual Structural Engineering Innovation & Excellence Webinar Series—New Buildings < \$30 Million: m.o.r.e. Cabin

Speaker: Daniel Bonardi, P.E., Dan Bonardi Consulting Engineers

The m.o.r.e. CLT Cabin is a 900 s.f. private retreat on a hill overlooking a lake in La Pêche, Québec. The cabin touches the site at only two points: a small concrete storage building supports the cabin at the top of the hill; a steel mast supports the opposite end. The cabin cantilevers 25 ft beyond the mast. The structure consists primarily of glulam members and cross-laminated timber panels (CLT). The webinar will discuss why mass timber was chosen over steel as the primary structural material, how the glulam members and CLT panels were combined to create a stiff box beam structure, and mass timber connection details. (1 PDH)

There are also recorded webinars that can be purchased for professional development hours (PDHs) online at <https://www.pathlms.com/ncsea/events#on-demand-events-content>

EMPLOYMENT OPPORTUNITIES

CATENA CONSULTING ENGINEERS

Structural Engineer
Portland, OR

catena consulting engineers provides the personal environment of a small firm while providing the opportunity to work on a variety of projects. Our projects vary in size from a single day's effort to large projects with construction values in excess of \$300 million. You will gain design experience in concrete, steel, timber, and masonry buildings and will work on a wide variety of project types including buildings created for healing, learning, living, and interacting.

Due to the technical complexity and challenge of many of our projects, we seek engineers that hold a Masters degree, and that have a desire to learn, grow, and be challenged. U.S. citizenship is preferred. We are currently seeking engineers at all levels of experience in structural engineering for buildings.

For a detailed advertisement and to submit your resume, visit our website <http://www.catenaengineers.com/opportunities/>

JACOBS ENGINEERING

Structural Engineer
Corvallis, OR

We are looking for a passionate and dedicated Structural Engineer in Corvallis. As a member of our team, you will perform structural design for facilities such as water and wastewater pump stations, treatment facilities for water and wastewater plants, conveyance systems. Job performance includes analysis, design, technical writing, and construction drawing markup/detailing, and specification production.

Need:

- Bachelor's Degree in Civil Engineering with a Structural emphasis.
- Master's degree in Civil/Structural Engineering.
- Engineer in Training (EIT) or Engineering Intern (EI) licensure/desire to be on track to obtain Professional Engineer (PE) and Structural Engineer (SE) licensure.

Ideally, you'll also have:

Experience with:

- structural design and basic structural systems in steel, concrete, and masonry.
- on-site structural observations and other construction support services.

<https://careers.jacobs.com/job/18466998/entry-level-structural-engineering-professional-corvallis-or/>

PACE ENGINEERS

Structural Engineer & Project Manager
Lake Oswego, OR

PACE is growing our structural engineering team to deliver unique and challenging project designs for our clients in the public and private sectors. We are recruiting engineers at all experience levels who will be empowered to share and grow their skills within a collaborative and respectful working environment. Our current structural team includes nine (9) SEs or PEs and five (5) structural designers. We partner with our civil engineers and surveyors to complete projects throughout the PNW, the Mountain West, and beyond. Project types include hydraulic structures for potable water systems; roadway, pedestrian, and utility bridges; building and non-building structures; and contractor and vendor services. Our family-first, client service culture cultivates technical, PM, BD, and managerial growth in a hybrid work environment.

PACE is a team of 130 civil and structural engineers, surveyors, and GIS professionals located in Lake Oswego, OR and Kirkland, Everett, and Wenatchee, WA. See www.paceengrs.com or contact HR manager, Karmell Dawson at karmelld@paceengrs.com for more information.

SE3 & YMF PRESENT:

SPEED MENTORING



**NEED A MENTOR?
WANT TO BE A MENTOR?**

Join us for a **free** 1-time mentorship event focused on immediate guidance, quick advice, and professional networking.

5:30 PM TO 8:00 PM

THURS JULY 20, 2023

**Rogue Eastside Brewery
928 SE 9th Ave, Portland, OR 97214**



REGISTER HERE:



<https://tinyurl.com/se3mentor>

food and beverage provided | engineers of all levels welcome

2023 SEA NORTHWEST CONFERENCE

SCHEDULE as of JULY 15, 2023

Wednesday September 13, 2023

1:00 p.m. - 4:00 p.m.	SEAW State Board Meeting (<i>Invitation Only</i>)
4:00 p.m. - 5:00 p.m.	NCSEA Board of Directors Meeting with SEAW State Board (<i>Invitation Only</i>)

Kickoff & Main Speaker Presentations are 55 minutes including 5 to 10 minutes for Q&A followed by a 5 minute break

Exhibitor Presentations are 30 minutes including 5 minutes for questions and answers

Thursday September 14, 2023

7:30 a.m. - 5:00 p.m.	Registration
7:30 a.m. - 8:30 a.m.	SEA Northwest Conference Delegate Meeting (<i>Invitation Only</i>)
7:30 a.m. - 8:30 a.m.	Breakfast
8:00 a.m. - 9:00 a.m.	<i>Kickoff Presentation</i> - Lessons in Creativity: Jack Christiansen's Innovative and Efficient Structural Designs (1.0 PDH) Tyler Sprague , Ph.D., P.E., LEED AP Associate Professor, University of Washington
9:00 a.m. - 10:00 a.m.	Engineering for Elephants: A Structural Safari (1.0 PDH) Ed Quesenberry, S.E. Founding Principal, Equilibrium Engineers LLC
10:00 a.m. - 10:30 a.m.	<i>Exhibitor Presentation</i> - BRBF State-of-the-Art: Global Stability, Fatigue and Resiliency (0.5 PDH) Brandt Saxey, S.E. -Technical Director, CoreBrace (Premier Sponsor)
10:30 a.m. - 11:00 a.m.	Coffee Break - Vendor Exhibits
11:00 a.m. - 12:00 noon	Design of Slender Transparent Structures Using Glass (1.0 PDH) Richard Green P.E., CPEng (Australia), IntPE APEC Engineer Founding Principal, Green Facades
12:00 noon - 1:00 p.m.	Lunch - Vendor Exhibits
1:00 p.m. - 1:30 p.m.	Totem Lake Connector Bridge (0.5 PDH) Matt Baughman, P.E., S.E. Associate Project Director, COWI

1:30 p.m. - 2:00 p.m.	Exhibitor Presentation - Unordinary Tubular Connections (0.5 PDH) Cathleen Jacinto, P.E., S.E. - Structural Engineer, FORSE Engineering - Technical Consultant to the Steel Tube Institute
2:00 p.m. - 2:30 p.m.	Coffee Break - Vendor Exhibits
2:30 p.m. - 3:30 p.m.	Innovation in Your Engineering Practice and How it Intersects with Insurance, Claims and Litigation (1.0 PDH) Stan Pease, CRM, CIC, CCLA - President, Shipley & Pease Insurance Lindsey M. Pflugrath, Hon. AIA, Attorney at Caircross & Hemplemann PS
3:30 p.m. - 4:00 p.m.	Exhibitor Presentation - Behind the Curtain: Steel Design Tips from the Mill (0.5 PDH) Kim Olson, P.E. - Structural Manager, Construction Solutions, Nucor
4:00 p.m. - 5:00 p.m.	Creating a Culture of Belonging through DEI Practices (1.0 PDH) Laura Lindeman, P.E. (Moderator) – Structural Project Manager, Coughlin Porter Lundeen Lisette Terry, P.E. – Associate, Degenkolb Engineers Marcus Freeman, P.E. – Senior Design Engineer – MKA Kellie Filips – Project Engineer - PCS Structural Solutions George Theo, MS - Associate Principle, Dir. of Human Resources, Coughlin Porter Lundeen
5:00 p.m. - 5:30 p.m.	Break - Vendor Exhibits
5:30 p.m. - 7:30 p.m.	YMG Social Reception and Activity (Anchor Sponsor - CSI)

Friday September 15, 2023

7:30 a.m. - 8:30 p.m.	Registration
7:30 a.m. - 8:30 p.m.	Breakfast - Vendor Exhibits
8:30 a.m. - 9:30 a.m.	Using Applied Research for Update of Seismic Evaluation and Retrofit Methods (1.0 PDH) Terry Lundeen, P.E., S.E. Principal, Coughlin Porter Lundeen
9:30 a.m. - 10:00 a.m.	Exhibitor Prersentation - Innovations That Improve Functional Recovery of Steel Moment Frames (0.5 PDH) Justin Marshall, PhD, P.E. - President, DuraFuse Frames
10:00 a.m. - 10:30 a.m.	Coffee Break - Vendor Exhibits
10:30 a.m. - 11:30 a.m.	Seismic Isolation of the Terminal Core Roof at the Portland International Airport (1.0 PDH) Reid Zimmerman P.E., S.E. Technical Director, KPFF
11:30 a.m. - 12:00 noon	Exhibitor Presentation: Steel Connection Design Using Finite Element Analysis (0.5 PDH) Dave Eckrote, P.E. - Director, IDEA StatiCaUS LLC

12:00 noon - 1:00 p.m.	Lunch - Vendor Exhibits
1:00 p.m. - 2:00 p.m.	The Lateral System Design of the Artise: Bellevue's First Building with Viscous Fluid Dampers (1.0 PDH) Scott Erickson, P.E., S.E. Principal, DCI Engineers Seattle
2:00 p.m. - 2:30 p.m.	<i>Exhibitor Presentation - A Simplified Approach to the Design of New Moment Frame Structures with Viscous Dampers (0.5 PDH)</i> Nathan Canney, PhD - Director of Structural Engineering, Taylor Devices
2:30 p.m. - 3:00 p.m.	Coffee Break - Vendor Exhibits
3:00 p.m. - 4:00 p.m.	A Comparison of Project Approaches in Mass Timber (1.0 PDH) Adam Jongeward, P.E., S.E. DCI Engineers, Portland
4:00 p.m. - 5:00 p.m.	Designing with Complex Geometries (1.0 PDH) Robert Baxter, S.E. Principal, MKA
5:00 p.m.	Conference Closes