



CONNECTIONS

April 2018 Volume 18 Issue 5

Newsletter of the
Structural Engineers
Association of Oregon

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Upcoming SEAO Meetings and Events:

Thursday, April 19, 2018: YMF Happy Hour

Location: Basecamp Brewing, 930 SE Oak St, Portland, OR 97214

Time: 5:30pm

See page 6 for additional YMF information.

Wednesday, April 25, 2018: April Lunch Meeting

Topic: Concrete Repair

Speaker: Craig Schumann, BASF Restoration Specialist

Location: Portland City Grill, 111 SW 5th Avenue, 30th Floor, Portland, OR

Time: 11:30am Check-in & Lunch; 12pm Program

See page 3 for additional information.

Tuesday, May 1, 2018: AISC Steel Construction Manual, 15th Edition & 2016 Specification Seminar

Location: The Abernethy Center, 606 15th St., Oregon City, OR

Time: 8:30am– 12:30pm

See page 12 for additional information

Wednesday, July 18, 2018: SEAO/OACI Golf Tournament

Location: The Reserve (south course), 4805 SW 229th Ave. Aloha, OR

Time: 1:00pm Shotgun start, 6:00pm Social hour, 6:30pm Dinner &

Awards

See page 10 for additional information.

SEAO has a twitter
account and can be
followed at
@SEAOregon.



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.

Send membership inquiries to:

9220 SW Barbur Blvd.
No. 119
PMB #336
Portland, OR 97219

BOARD OF DIRECTORS

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Executive Secretary

Jane Ellsworth
SEAO Staff
Ph: 503.753.3075
jane@seao.org

PRESIDENT'S MESSAGE: BOARD POSITIONS AVAILABLE

SEAO Members,

We have reached the time of the year where we are going to be putting together the ballot for next year's board. This process starts with our current past president (Kevin McCormick) assembling the **nominating committee**. At our April meeting we will be soliciting for volunteers to be a part of this committee. This group then works to find volunteers to run for the open board positions – this year the open positions are as follows:

- Director (2 yr. term)
- Treasurer (2yr term)
- Secretary
- Vice President

The nominating committee will put forth a preliminary ballot at the May membership meeting and ask for further volunteers to run for the open positions. Once this is done, the ballot will be finalized and sent to the membership in June. Finding volunteers for the board positions is always a difficult endeavor – if you or someone you know has interest in running for a board position please let me or Kevin know (seth.thomas@kpff.com, kevin@miller-se.com).

The board is also looking for volunteers to fill several committee chair positions. We have been without a **monthly meeting chair** for about two years – so the job of finding speakers has fallen on the board. This position is critical to the success of our organizations – if having a quality monthly meeting program is important to you please consider volunteering for this role. This is also an excellent opportunity for a young engineer to get involved – the position doesn't take any experience and would be a great first step in getting involved in SEAO. Other committee chair positions that need volunteers are the **wind committee** and the **legislative committee**.

If you are interested in any of these positions or just being on a committee please let me know and I will put you in touch with the correct person.

-Seth Thomas



SEAO COMMITTEES

CODE ADVISORY COMMITTEE

Seismic
Reid Zimmerman
reid.zimmerman@kpff.com

Wind
Jim Riemenschneider
jimr@vlmk.com

Snow Load
Andy Stember
andy@jasenginc.com

Code
Eric Watson
eric@miller-se.com

Vintage Building
Wade Younie
wyounie@dc-engineers.com

Special Inspections
Eric Watson
eric@miller-se.com

Mass Timber
Eric McDonnell
Eric.McDonnell@kpff.com

STRUCTURAL ENGINEERS EMERGENCY RESPONSE (SEER)

Dave Tarries
David.Tarries@portlandoregon.gov

PROGRAM COMMITTEE

Monthly Meetings
David Gilroy
dgilroy@strongtie.com

Awards
Brynn Adkins
brynn@wdyi.com

Golf Tournament
Stephen Stenberg
steez07@yahoo.com

Conferences
Kevin McCormick
kevin@miller-se.com

ADVOCACY COMMITTEE

Website
Seth Thomas
seth.thomas@kpff.com

Engineers Week
Michelle Juarez
michelle@miller-se.com

Young Member Forum
Deanna Kuhlman
dkuhlman@mcknze.com

CONTINUING EDUCATION COMMITTEE

Seminars
Andy Stember
andy@jasenginc.com

MEMBERSHIP COMMITTEE

Newsletter
Deanna Kuhlman

Roster
Jane Ellsworth
jane@seao.org

DELEGATES

NCSEA & WCSEA/NWC
Seth Thomas

APRIL LUNCH MEETING

WEDNESDAY, APRIL 25, 2018

TOPIC: CONCRETE REPAIR

The following will be points of discussion:

- Concrete deterioration – common causes
- Corrosion and corrosion mitigation
- Best Practices
- Training Standards
- Safety
- Concrete Repair Materials & Methods

PRESENTER BIO:

Craig Schumann BASF Restoration Specialist– Pacific NW



Craig Schumann earned a degree in Construction Management from Michigan State University and has gained over 25 years of experience in the concrete repair and waterproofing business. Craig started his professional career in the consulting business, and then worked in contracting, distribution and manufacturing sides of the restoration market. Craig can offer a unique perspective to the needs of the concrete repair industry. Craig has been with BASF Construction Systems since 2010 as Restoration Specialist and Territory Sales Manager for the Pacific NW.

DETAILS:

Location: Portland City Grill, 111 SW 5th Avenue, 30th Floor, Portland, OR

Time: 11:30 am — Check in
11:45 am — Lunch
12:00 pm — Program

Cost: \$39 — Prepaid Members
\$20 — Prepaid YMF Members
\$49 — Prepaid Non-Members
Free — Students

Reservations: Pre-registration is required for all.

You can register and pay online at www.seao.org before noon, Friday, April 20. You can also register with Jane Ellsworth via phone at (503)753-3075 or via Email: jane@seao.org. Note: No-shows will be billed.

PDH Credit: One PDH has been recommended for this program.

VENDOR ADVERTISING

SEAO is now accepting vendor advertising!

Cost of a full page ad running for one month:

\$250 - Members
\$350 - Non Members

For more information, contact Jane Ellsworth at jane@seao.org.

2018 SEAO AWARDS ENTRY

DUE: JUNE 30TH 2018

SEAO is now accepting entries for the fourth annual Structural Engineer Awards Presentation to acknowledge outstanding projects and structural engineering advancement. This year we are opening the access to prepare the submissions earlier so that more time is provided to the membership to gather their submission materials. Projects are not limited to an Oregon location—you only need to be an SEAO member to submit a project.

Projects will be judged by a panel of invited judges from multiple fields related to design and construction and will be based on innovative design, engineering achievement, and creativity. Awards will be presented at the September Chapter Dinner meeting on September 26, 2018.

Submission Categories:

- New Buildings Under \$10 million
- New Buildings Over \$10 million
- Renovation/Retrofit
- Special Use Structures

The instructions for submission and the fillable entry form are available on the SEAO website on the Awards Committee page and through the following link: [Awards Submission Instructions and Entry Form](#).

All submissions must be post-marked or emailed by **June 30, 2018**.



2017 Award Winner

David Beh of Nishkian Dean Receiving Their Firm's Award for Project Over \$10 Million
from SEAO Awards Committee Chair, Brynn Adkins.
Q21 Mixed Use Project in NW Portland

THE SE3 PROJECT

The NCSEA Structural Engineering Engagement and Equity (SE3) Committee is currently administering a nationwide survey of structural engineering professionals. This survey is designed to provide valuable information about the profession regarding demographics, compensation, satisfaction, and engagement. **It will be one of the largest comprehensive nationwide surveys of structural engineering professionals to date.**

How this started

This project began in 2015 when SEAONC (Structural Engineers Association of Northern California) funded a committee to study engagement and equity in the structural engineering profession. In 2016, this group administered their first national survey of over 2,100 structural engineering professionals. Findings from this study included insight into why engineers leave the profession, the importance of mentorship, and the existence of a nuanced gender pay gap. A list of best practices was developed based on these findings, all of which can be found in the [2016 SE3 Survey Report](#).

NCSEA SE3 Committee

In mid-2017, an SE3 Committee was created at the national level through NCSEA (National Council of Structural Engineers Associations) with the primary goal of administering a similar nationwide study of structural engineering professionals every two years. This biennial survey will focus on measuring engagement and equity with the goal of providing data and best practices to help ensure that every structural engineering professional has a positive experience within the profession.

Member Organization (MO) Participation

SEAO Member Input is Essential to the SE3 Survey!

The 2018 version of this survey is live now through the end of May. If you'd like to participate, a link to the survey is available on the SE3 website at ncsea.com/committees/se3.



THE SE3[≡] PROJECT

STRUCTURAL ENGINEERING, ENGAGEMENT, AND EQUITY

YOUNG MEMBER FORUM ACTIVITIES

Upcoming YMF Events:

Thursday April 19th – Happy Hour

Location: Basecamp Brewing, 930 SE Oak St, Portland, OR 97214

Time: 5:30pm-7:30pm

Look for a small white sign with the SEA logo on it!

Appetizers will be provided, drinks are not. No need to RSVP, grab a friend and come meet other younger members!

Happy hours will be on the 3rd Thursday of the month.

seao.org/committees/advocacy/ymf

ASK A QUESTION, GET AN ANSWER

Do you have a code question you would like to ask the Wind Committee or Snow Committee? SEAO is pleased to announce a simple way for Q&A's with technical committees.

Email questions to jane@seao.org, and SEAO will direct your question to the appropriate committee chair for a response. Questions and their answers will be made anonymous and available to the membership on the website www.seao.org.

Committees include: Seismic, Wind, Snow, Code, Vintage Building, and Special Inspections.

NEW MEMBERS

The new SEAO members for April are:

- Kyle Kruger – TM Rippey Consulting Engineers
- Fadhil Abdullah
- Bryan Lavigne – Jacobs Engineering
- Grant Schroeder – Froelich Engineers
- Christopher Carroll - Student
- Ryan Ngo

Welcome to SEAO!

Our goal is to provide benefit to our members and the best way to do that is get involved! Watch the emails, newsletters, and website for more information!

NCSEA MEMBERSHIP UPDATES

Please note that Jane is now able to update your status on the NCSEA database! If you update your address please send an email to jane@seao.org so you can get your Structures Magazine!

EMPLOYMENT OPPORTUNITIES

FORELL/ELSESSER ENGINEERS INC.

Structural Engineer

San Francisco, CA

Are you looking to share your talents with a collaborative group of structural engineers working in a dynamic downtown San Francisco office on challenging and exciting structural projects? Do you want to be part of a thoughtful team in a work environment that actively encourages and supports individual professional growth? If so, FORELL/ELSESSER ENGINEERS, INC. wants to hear from you!

We are currently looking for senior project managers to join our team. The successful candidate will be responsible for design and delivery of quality structural projects from design through construction administration, often working on several projects concurrently.

Qualifications California SE, 5+ years of design experience, Masters - Structural Engineering, Find out more about us and this opportunity at www.forell.com. Interested candidates should forward their resumes and cover letter to recruiting@forell.com.

Lund Opsahl

Structural Engineer

Seattle, WA

Lund Opsahl is located across the street from Safeco Field, Lund Opsahl is a growing structural engineering firm that provides a wide spectrum of services, including planning, design, seismic and damage assessments, upgrades, additions, tenant improvements, and construction support for a variety of new and existing building types in the Pacific Northwest. Our reputation as creative innovators and technical experts is built on responsive service, collaborative teamwork, and lasting relationships. Our firm's size offers early opportunities to work on challenging projects and encourages exciting career growth uncommon at larger firms, especially for the ambitious. We value the professional relationships within our firm and we believe those values are fundamental to the development of professional relationships outside of our firm. Collaboration within our office as well as with our clients requires commitment and responsibility.

Structural Engineers of all skill levels are encouraged to apply. Please visit our website, www.lundopsahl.com for additional information and job descriptions. Inquires and resumes may be sent to careers@lundopsahl.com.



STRUCTURAL ENGINEERS ASSOCIATION OF OREGON

9220 SW Barbur Blvd, #119, PMB #336, Portland, OR 97219

503.753.3075

www.seao.org E-mail: jane@seao.org

2018 Excellence in Structural Engineering Awards

The Structural Engineers Association of Oregon (SEAO) Excellence in Structural Engineering Awards was created to acknowledge outstanding projects and structural engineering advancement by members. The fourth annual SEAO Awards will be recognized as a part of the September 26, 2018 dinner meeting and awards ceremony.

Eligibility Requirements:

1. Project must have completed construction during the calendar year of 2017 or 2018.
2. At least one member of the design team, research team, or a principal of the firm responsible for entry must be a member of SEAO.
3. Entries may be of any size, type, and location in the world.
4. Projects may be submitted into one category only.
5. Each company may submit up to two projects per category (8 projects total).

SEAO Judging Criteria:

Projects will be judged by a panel of invited judges from multiple fields related to design and construction based on the following criteria:

1. Creativity of structural design
2. Complexity of design criteria
3. Ingenuity of design for efficient use of materials and construction
4. Fulfillment of client's / owner's needs or expectations
5. Suitability of the structure for its environment

Entry Instructions:

All entries must include the following:

1. Completed entry form on following page, including signature. Please enter all information as they would appear on an award.
2. Project Summary:
 - a. A written summary of the project emphasizing any outstanding accomplishments achieved and hurdles overcome during the course of the project's duration.
 - b. Two pages of text maximum, (10.5 point font minimum, 1.5 line spacing), plus one optional additional page for photos and figures at the end of the summary. Architectural renderings will not be considered and should not be included with the summary. Figures showing structural analysis or structural drafting models and details (Revit, AutoCAD, etc.) are allowed.
 - c. Summary must not include names of participating firms or project team members to allow for impartial judging. Any included names will be removed prior to judging.
 - d. Do not include any confidential or sensitive information.
3. Provide up to 15 photos (per project entry). If entry is mailed, provide a separate CD/Flash drive with all photos and figures. If entry is emailed, provide a separate Zip file attachment of .jpg images. Renderings will not be considered.
4. \$125 Entry Fee (per entry). Please make checks payable to SEAO and mail check as noted at bottom of entry form.
5. Multiple entries may be mailed together (and paid by single check). Refer to entry form for mailing address. If entries are emailed, send each entry in a separate email to the email address provided at the bottom of the entry form.
6. All entries shall become the sole property of SEAO. SEAO reserves the right to use or publish some or all entry material in publications. By entering, the Entrant grants a royalty-free license to SEAO to use any copyrighted material submitted. Such right includes publication of photographs and names of award recipients without compensation to Entrants.
7. **Submissions must be post-marked or emailed by June 30, 2018.**



STRUCTURAL ENGINEERS ASSOCIATION OF OREGON

9220 SW Barbur Blvd, #119, PMB #336, Portland, OR 97219

503.753.3075

www.seao.org E-mail: jane@seao.org

2018 Excellence in Structural Engineering Award Entry Form

Project Information:

Project Name:

This project is to be judged under the following category (select **one**):

New Buildings Under \$10M

Renovation / Retrofit

New Buildings Over \$10M

Special Use Structures

**Note: The SEAO Awards Committee reserves the right to transfer projects into a different category as it sees fit*

Project Location: City:

State:

Total Construction Budget:

Completion Date:

Entering Firm: (contact must be a current member of SEAO)

Please complete all sections of the form below. This information may be used for publicity purposes.

Firm Name:

Address:

City:

State:

Zip:

SEAO Contact Name:

Contact Email:

Phone:

By signing below, I accept responsibility for any issues regarding project confidentiality agreements.

→ **Signature:**

Involved Entities:

Owner/Developer:

General Contractor:

Architectural Firm:

Geotechnical Firm:

Civil Firm:

MEP Firm:

Other:

Role:

Submission Checklist:

Entry Form

Project Summary (see entry instructions)

CD/flash drive for mailed entries or separate email
attachment w/up to 15 photos/images

Check for \$125 per entry made payable to SEAO

Mail all materials to:

SEAO Awards

Structural Engineers Association of Oregon

9220 SW Barbur Blvd, #119, PMB #336

Portland, OR 97219

Or Email all materials (10 MB maximum
per email) to:

seao.excellence.awards@gmail.com

Submissions Must Be Post-Marked or Emailed By June 30, 2018

2018 SEAO / OACI GOLF TOURNAMENT



**\$20,000
HOLE IN ONE
PRIZE!**

JULY 18TH, 2018
The Reserve
Vineyards & Golf Course
1:00 PM - SHOTGUN START!

EVENT DETAILS:

You're invited to the 2018 S.E.A.O. and O.A.C.I. Golf Tournament at the Reserve's South Course in Aloha, just outside of Hillsboro, OR! Come join us for another year of incredible golfing, fun, prizes and dinner! Last year's North Course tournament was such a success, we wanted to recreate the magic, but mix it up with the lush, varied South Course.

Designed by John Fought, a Portland native and former PGA Tour pro whose design credits include four Top 100 courses, The South Course is a traditional American layout with mature stands of Oregon trees, naturally rolling terrain and 114 gleaming white sand bunkers waiting to swallow errant shots. Strategy and deception combine with pure aesthetic pleasure on this par 72 track, measuring from 5,189 to 7,172 yards.

There will be a shotgun start at 1pm, capped with an on-site dinner, beverages, and prizes for participants and their teams.

We look forward to seeing you at yet another fantastic golf tournament!

WHEN:

DATE: Wednesday, July 18th
SHOTGUN START: 1:00PM
SOCIAL HOUR: 6:00PM
DINNER & AWARDS: 6:30-7:30PM

TOURNAMENT:

4-Person Scrambles

CONTACT:

Jane Ellsworth
ph: (503) 753-3075
em: jane@seao.org

Don't forget to bring money for the raffle prizes and string! This year's raffle prizes will be:

- 50" TV
- Apple Watch
- Apple iPad Mini
- Traeger Grill
- Ocean Fishing Trip for 4
- YETI 65 Cooler
- Quadricopter Drone
- Much more!

WHERE:

The Reserve (South Course)
4805 SW 229th Ave.
Aloha, OR 97007
Phone: (503) 649-8191

DINNER:

A barbecue dinner, will be served after the tournament on-site.

FEES:

Golf & Dinner: \$150/person
(Includes golf cart & driving range)
SEAO Young Members Forum: \$85
Mulligan: \$5/ea

Appropriate "Country Club" attire is required:

- Collared Shirts
- No Denim
- Shorts must have a 6" inseam
- Soft spikes only

**NO REFUNDS FOR
CANCELLATIONS AFTER JUNE 27th**

PLEASE RETURN THIS ENTRY FORM BY JUNE 27th TO:

S.E.A.O.

9220 SW Barbur Blvd. #119

PMB #336

Portland, OR 97219

(503) 753-3075 Phone

(503) 214-8142 Fax

Player Names	Green Fees	Membership	Payment Enclosed
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$_____
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$_____
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$_____
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$_____

Included: 1 (one) five-foot string per group.

Mulligan Add-Ons (1 Mulligan = 1 Shot Per Person)

☐ Check Enclosed

☐ Mulligans - \$5 ea (Limit 5 Per Foursome) _____ Qty

\$_____

☐ VISA / ☐ MasterCard / ☐ AMEX Accepted

Total \$_____

Name On Card: _____ Card #: _____ Exp. Date: _____

Contact Number: _____ Billing Zip Code: _____ 3-Digit Code On Back Of Card: _____

2018 SEAO / OACI GOLF TOURNAMENT



JULY 18TH, 2018
1^{PM} Shotgun Start
The Reserve
Vineyards and Golf Course

Contact Info:
Jane Ellsworth
(503) 753-3075
oaci@comcast.net

SPONSORSHIP FORM

Company Name: _____

Contact Name: _____

Phone: _____ Fax: _____

Email: _____

HOLE SPONSORSHIP *(choose any or all of the following)*

- | | | |
|--|--|--|
| <input type="checkbox"/> CORE SPONSORSHIP - \$250
Comes with individual tee signage and recognition at the on-site dinner. | <input type="checkbox"/> PREMIUM SPONSORSHIP - \$500
Complete tee setup at one of three available, 3-par holes and recognition at the on-site dinner. (Only available to 3 sponsors) | <input type="checkbox"/> PLATINUM SPONSORSHIP - \$4,000
Join the SEAO and OACI with a single, co-title sponsorship of the tournament. Includes registration for four, and distinct recognition from SEAO/OACI at the on-site dinner. |
|--|--|--|

WE THANK YOU FOR YOUR SUPPORT!

If you or your company would like to sponsor more than the above hole sponsorships, please check any of the additional sponsorship items below, or the option to sponsor/donate your own raffle prize:

RAFFLE PRIZE SPONSORSHIPS

- ☐ 50" TV | \$600
- ☐ Apple Watch | \$400
- ☐ Apple iPad Mini | \$500
- ☐ Traeger Grill | \$600
- ☐ Ocean Fishing Trip for 4 | \$600
- ☐ YETI 65 Cooler | \$400
- ☐ Quadricopter Drone | \$300
- ☐ Power Washer | \$500
- ☐ Escape Room for 4 | \$120

SPECIAL SPONSORSHIPS

- ☐ LD/KP/Long Putt Hole Sponsor
\$150
- ☐ On Course Drink Refreshment Sponsor
\$400 *(Host drink cart for one beverage per participant to be redeemed during play)*
- ☐ Tee Off Sponsor
\$250 *(Host keg of Micro-brew)*
- ☐ 19th Hole Sponsor
\$250 *(Host keg of Micro-brew)*
- ☐ Golf Cart Sponsor
\$200 *(Host the golf carts with a sign in each cart with your company name)*
- ☐ Scorecard Sponsor
\$200 *(Host the scorecards with the name of your company on each card)*

Would you like to sponsor/donate your own raffle prize? (ex: Mariner's seats, Blazers seats, etc)

☐ NO ☐ YES, Please describe below:

☐ Check Enclosed

☐ VISA / ☐ MasterCard / ☐ AMEX Accepted

Name On Card: _____ Card #: _____ Exp. Date: _____

Contact Number: _____ Billing Zip Code: _____ 3-Digit Code On Back Of Card: _____

Total \$ _____

Please Return This Form A.S.A.P. to:

S.E.A.O.
9220 SW Barbur Blvd., Suite #119, PMB #336
Portland, OR 97219
Email: oaci@comcast.net

AISC Steel Construction Manual, 15th Edition & 2016 Specification Seminar

Presented by the Structural Engineers Association of Oregon (SEAO) in conjunction with AISC

Date: **Tuesday, May 1, 2018 – 8:30 AM to 12:30 PM**
Registration Opens at 7:30 AM (Breakfast Included)

Cost: \$260 SEAO Member (Includes Class Notes) \$285 Non-member
\$25 Late Fee (if registration received after April 24, 2018)
Students \$180 (Includes Notes) – Must show current student ID
No refunds after 12:00 noon Tuesday, April 24, 2018
Register early; Maximum 100 people

Location: **The Abernethy Center**
606 15th Street
Oregon City, Oregon 97045
(503) 722-9400

Continuing Education: **SEAO has recommended this seminar for 4 PDHs**

Description of seminar: The 2016 AISC *Specification for Structural Steel Buildings* and the 15th Edition *Steel Construction Manual* are both available now. You won't want to miss this half-day seminar where important changes and clarifications that have been incorporated into these documents will be explained. The seminar will examine the *Specification* chapter by chapter and highlight changes since the 2010 version. Design examples will be presented to demonstrate the changes in the *Specification* and how to apply useful design aids in the *Manual*. The 15th Edition of the *Steel Construction Manual* is available for purchase with this seminar for only \$125 (a \$400 value)!

The seminar will highlight changes to:

- Treatment of compression members with slender elements
- Treatment of tees and double angles in bending
- Shear provisions for built-up I-shapes
- Bolted connection provisions
- And more...

Speaker: **Louis F. Geschwindner** is a former Vice President of Engineering and Research at AISC, Professor Emeritus of Architectural Engineering at Penn State University, and Senior Consultant at Providence Engineering Corporation. He received his Bachelor's degree in building science from Rensselaer Polytechnic Institute and both his Master of Science in architectural engineering and his PhD in civil engineering from Penn State. He is a Registered Professional Engineer and taught at Penn State for more than 40 years. Professor Geschwindner is a past chairman of the Committee on Design of Steel Building Structures of the Structural Engineering Institute of the American Society of Civil Engineers (SEI/ASCE) and is a member of the AISC Committee on Specifications, chairing its Member Design technical committee. Dr. Geschwindner has been an author and presenter in many of the American Institute of Steel Construction lecture series.

Questions: Andy Stember (503) 657-9800

AISC Steel Construction Manual and 2016 Specification Seminar

Registration Form

Register Online at www.seao.org or

Send to: SEAO
PO Box 2958
Vancouver, WA 98668
(503) 753-3075

Make Checks Payable to:
SEAO

Firm Name: _____

Email Address: _____

Phone: _____

Name of Attendee(s) _____

of Attendee(s) _____ @ \$260.00 / each = \$ _____
(Nonmember \$285.00)

of Late Fees _____ @ \$25.00 / each = \$ _____

of Students _____ @ \$180.00 / each = \$ _____

AISC SCM _____ @ \$125.00 / each = \$ _____
(15th Edition Steel Construction Manual \$400 Value)

Total Enclosed = \$ _____

Visa Or Mastercard (circle one)

Name (as appears on card) _____

Credit Card # _____ exp _____

Cardholder Signature _____