



STRUCTURAL ENGINEERS OF COLORADO

NEWSLETTER

NOVEMBER ANNUAL MEETING

2013 Schedule

Mark Your Calendar

General Membership Meetings

Renaissance Hotel

(Breakfast 7:30 a.m.)

January 17

March 21

May 16

July 18

September 19

Fall Seminar

October 17

Location: Sheraton Denver West

Time: 11:30 a.m.

Annual Banquet

November 14

Location: Renaissance Hotel

Time: 11:30 a.m. - 4:00 p.m.

Board of Directors

Monroe & Newell Engineers

(7:30 a.m.)

January 3

February 7

April 4

June 6

August 1

October 3

Business Management Committee

Renaissance Hotel

(Breakfast 7:30 a.m.)

February 14

April 11

June 13

August 8

October 10

The Next Big Thing.....Cross Laminated Timber!

Not just plywood on steroids but instant multi-story structures without formwork, pouring and waiting to cure. The CLT system is a multi-layer wood panel where each layer of boards is placed crosswise to adjacent layers for rigidity and stability. Once CNC framed, you have the perfect custom kit for a quick and easy fit. But how does the system accommodate mechanical electrical and plumbing? What are the connections for vertical and lateral loading? Is it code ready? We will talk about all of it.



PLEASE NOTE: There is a \$20.00 charge for the Annual Meeting. Please RSVP and pay on the website or you may pay at the door with a check. We need your RSVP no later than Monday, November 11th.

Kris Spickler, PE is the Heavy Timber Specialist for Structurlam Products Ltd. in Penticton, British Columbia, Canada. He holds a Bachelor of Science degree in Civil Engineering, with an emphasis on wood structural design, from Fresno State University, California.

As a licensed Professional Engineer since 1981 he has worked in the Engineered Wood Products industry for 25 years. The last 10 years, he has focused on Engineered Wood Lumber used in Heavy Timber design and now Cross Laminated Timber.



Don't Miss Out

November Annual Meeting

Thursday, November 14, 2013
(Lunch at 11:30 a.m. - 1:30 p.m.)

Location: Renaissance Denver Hotel

3801 Quebec Street, Denver, CO 80207
(South of the I-70 & Quebec Intersection)

PLEASE NOTE: \$20.00 FEE PER PERSON

FOR THIS MEETING.

MUST RSVP by **Monday, Nov 11th** on the SEAC website at:

www.seacolorado.org or e-mail

Caryn Farrell at:

seac@martinmartin.com

BOARD OF DIRECTORS

Structural Engineers Association of Colorado



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jness@monroe-newell.com



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303-444-1951
tskinner@jvajva.com



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Pattillo Associates Engineers, Inc.
970-945-9695
bob@paengineers.com

We Want To Hear From YOU! The SEAC BOD is interested in hearing your suggestions, comments and ideas. Please feel free to contact a member of the Board of Directors at any time.

Thank you to all of our members who continue to support SEAC!

PRESIDENT'S MESSAGE

Structural Engineers Association of Colorado

Again, “Times Are Changing”... for me, as well as for many others. I am coming to the end of my term as President. It has gone faster than I thought it would! I wish I could say it was easy, but...however, I had a great Board of Directors and Executive Administrator to get me through! Plus, some great Committee Chairmen, both new and old. They say that when something is difficult to do, it builds character and makes you a better person. I am definitely a better person for having completed a rewarding, past year, as President! The question is would I do it over again if asked to? I would have to think about it for a while before I'd probably say “yes.” It ended up teaching me more about time management than I thought I needed. I didn't accomplish everything I had set out to do, but then again, several things were accomplished that I had not planned on, due to great Committee Chairmen. (Also, I do want to thank my family for putting up with my “SEAC hobby/volunteer time.”) I look forward to continuing on with the BOD in my role as Past-President in 2014.

We had some great General Meetings with a variety of topics from drilled piers to wood codes, ethics, Superstorms and welding. The speakers all had their stories to tell and each did a wonderful job! New committees were formed and have already started to do some good things... the Northern CO Committee, the Strategic Planning sub-committee of the Business Management Committee, and the Young Members Committee. I foresee great things happening from the efforts of these committees!

Once again, at this time of the year we need to say thanks to the officers who are moving on to other challenges. Thanks to **David Poe** (aka IT Man) as Past-President and **Stan Welton** as a Director. You both have been wonderful voices of reason at the BOD meetings and via the usual mode of communication...e-mail. I wish you both well in the future! The organization continues on with a great BOD and with two (2) new members

coming on board in January 2014, after the elections. And, we have the continued efforts of **Caryn Farrell** to keep us on the straight and narrow ... as long as the website doesn't send her over the cliff!

I'd like to thank **Dr. Surovek** for her presentation in September! Nice to see some SDSM&T Alumni. Also, I think the Fall Seminar went great at the Denver West Sheraton AND in the afternoon! 120 + in attendance, Awesome! Thanks to the great group of folks on the Education Committee. The speakers, **Greg Markling** and **Dr. Linda Hanagan**, made topics that are usually pretty dry, into something very interesting and informative.

We are doing something a little different for the Annual Meeting Luncheon this year. We are having a technical speaker, **Kris Spickler/Structurlam** (due to wires crossing in September) talking about Cross Laminated Timbers.

We will be discussing the upcoming officer elections, and taking a look at the finances for the past year. I hope you will join us!

I hope you all have a great holiday season, and hopefully, get some deserved time off. During your time off, if you are not involved in SEAC, please consider joining a committee or getting involved in some way during the next year. See the SEAC website for the variety of options available. If you aren't sure, ask one of the members. Many hands make for light work! If you are already an involved member, please think about what we can do to make SEAC an even better organization in the upcoming year! We will see you at the January Meeting on the 16th, which is tentatively set to be a joint meeting with CAGE at the Lakewood Country Club. Thanks again for all of your support and efforts this past year!



SEAC President

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Structural Engineers Association of Colorado

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GENERAL ANNOUNCEMENTS

Structural Engineers Association of Colorado

SAVE THE DATE

WHAT: January 2014 General Meeting

WHEN: January 16, 2014

TIME: 7:30 a.m. -9:00 a.m.

WHERE: Lakewood Country Club

Joint Meeting with CAGE and SEAC

More details to come in the January
2014 newsletter.

2014 - DUES AND SCHEDULE OF DATES

The Dues Notice will be sent out via e-mail in December. In addition, a schedule of dates for 2014 SEAC events will be sent out by the end of November.

If you have a change to your current contact information please e-mail Caryn Farrell at seac@martinmartin.com

Thank You!

WELCOME

Please Welcome Our New Member

Abbie B. Liel (Affiliate Member)

Assistant Professor, University of Colorado



We have established a Young Engineers Committee of SEAC. We are still looking for interested individuals who want to be part of this group. This committee will focus on encouraging young engineers to be an integral part of the engineering community.

Please contact Matt Peterson at:
YEG.SEAC@gmail.com if you are interested.

Feel free to pass this information throughout your organization, as we encourage all engineers to join.

EMPLOYMENT OPPORTUNITIES

Structural Engineers Association of Colorado



JVA, Inc. has openings for a Structural Design Engineer or Structural Project Engineer in both our Boulder and our Fort Collins offices. We are looking for an EIT or licensed engineer with 3-7 years of design experience in a variety of building systems. Successful candidates will be motivated, service-oriented, experienced in REVIT, RAM, and RISA, and possess strong written and verbal communication skills. Send résumé to JVA, Inc.; 1319 Spruce St.; Boulder, CO 80302 or e-mail info@jvajva.com. JVA offers competitive salaries and comprehensive benefits in a rewarding work environment. To learn more about JVA, please visit www.jvajva.com.

Classified Ad Policy

To place an ad please contact
Caryn Farrell at:
seac@martinmartin.com

Ads will be placed on the SEAC
website and in the newsletter.

The cost is \$100.00.

Thornton Tomasetti

Thornton Tomasetti's Denver office is seeking talented structural engineers with 2-4 years of experience. Candidates should have strong experience in steel and concrete design.

Responsibilities:

- Assisting senior staff in coordination, planning, and completion of engineering projects.
- Structural analysis, design and detailing of structural systems for steel, concrete, masonry and timber systems using various building codes.
- Coordination of design work with in-house staff, as well as other design professionals including Architects and other engineering disciplines.
- Generation of three-dimensional Building Information Models and preparation of construction documents using various software such as AutoDesk Revit, TEKLA, and Rhino.
- Perform construction administration for projects, check shop drawings, and answer RFI's.

Qualifications:

- Master's Degree in structural engineering or related field preferred.
- Strong technical skills.
- Working knowledge of current industry software, including SAP2000, ETABS, RAM, Risa3-D, PCA Software, Revit, and Microsoft Office.
- Excellent verbal and written communication skills.
- 2-4 years of experience.

Thornton Tomasetti offers an excellent compensation and benefits package including medical and dental insurance, a matching 401(k) plan, and a friendly, collaborative work environment.

Submit resume to Melanie Welton at:
MWelton@ThorntonTomasetti.com

SEAC COMMITTEES... We Need You!

Structural Engineers Association of Colorado

Have you considered joining a committee? Your participation is what makes our organization so successful. If you are interested in joining, please click on the one of the links below to get in touch with a Committee Chairperson, or feel free to contact one of the Board of Directors.

	<u>Committee</u>	<u>Chair</u>	<u>Phone</u>	<u>Chair Email</u>	<u>Board Liaison</u>	<u>Liaison Email</u>
1	Architectural	Mark Cormier	(303) 444-1951	mcormier@jvaiva.com	Jim Ness	jness@monroe-newell.com
2	BIM	Dezi Mackey	303-431-6100	dmackey@martinmartin.com	Stan Welton	SWelton@ThorntonTomasetti.com
3	Building Dept. Survey	DORMANT	303-447-2813		Tom Skinner	tskinner@jvaiva.com
4	Business Management	Wayne Muir	303-399-5154	wayne@sci-denver.com	David Poe	david@anchoreng.com
5	Denver Building Dept.	Jerry Maly	(303) 914-4300	jmaly@wje.com	Paul Hause	paul@sci-denver.com
6	Education	Natalie Mozer-Renn	(303) 870-5039	mozerrenn@comcast.net	Jim Ness	jness@monroe-newell.com
7	Ethics	DORMANT			Bob Patillo	bob@paengineers.com
8	Geotechnical	John Reins	720-962-8688	jreins@wje.com	Don Carroll	don.carroll@jrharrisandco.com
9	Legislative	Andrew Kelsey	(303) 499-3022	a.kelsey@ascentgrp.com	David Poe	david@anchoreng.com
10	Membership	Jerry Maly	(303) 914-4300	jmaly@wje.com	David Poe	david@anchoreng.com
11	NCSEA Liaison	Brent Norris	303-860-9021	brent.norris@jrharrisandco.com	Jim Ness	jness@monroe-newell.com
12	Nominating	Jerry Maly	(303) 914-4300	jmaly@wje.com	Paul Hause	paul@sci-denver.com
13	Northern Colorado	Cody Geisendorfer	(970) 416-7891	codyag@live.com	Bob Patillo	bob@paengineers.com
14	Precast Concrete	J. D Schafer	(303) 777-0977	jdschafer@stresscon.com	Tom Skinner	tskinner@jvaiva.com
15	SEER	Brent Norris	(303) 860-9021	brent.norris@jrharrisandco.com	Don Carroll	don.carroll@jrharrisandco.com
16		Mike Piper	303-431-6100	mpiper@martinmartin.com		
17	Scholarship	Stan Neujahr	(303) 377-2732	stanneujahr@neujahrgorman.com	Tom Skinner	tskinner@jvaiva.com
18	Seismic Standards	DORMANT			David Poe	david@anchoreng.com
19	Snow Loads	Jeanette Torrents	303-444-1951	jtorrents@jvaiva.com	Tom Skinner	tskinner@jvaiva.com
20	Standard of Practice	Jim Ness	(303) 623-4927	jness@monroe-newell.com	Jim Ness	jness@monroe-newell.com
21	Steel Materials	Bruce Wolfe	303-399-5154	bruce@sci-denver.com	Tom Skinner	tskinner@jvaiva.com
22	Web Site	David Poe	(303) 783-4797	david@anchoreng.com	David Poe	david@anchoreng.com
23	Western Slope (Proposed)				Bob Patillo	bob@paengineers.com
24	Wind Loads	Jeanette Torrents	303-444-1951	jtorrents@jvaiva.com	Tom Skinner	tskinner@jvaiva.com
25	Young Engineers (Proposed)				Paul Hause	paul@sci-denver.com