



## STRUCTURAL ENGINEERS OF COLORADO

### NEWSLETTER

# JULY GENERAL 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: TBD

Time: TBD

#### Annual Banquet

November 14

Location: TBD

Time: TBD

#### 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

## Superstorm Sandy

On October 29th, 2012, Superstorm Sandy made landfall on the New Jersey and the New York coast. The area had seen major storm events the prior year with Hurricane Irene and the October Snowstorm. Both of these events prepared the area and its residents for flooding and power loss. There were significant warnings from governmental agencies about the potential effects of Superstorm Sandy. Most people were prepared, individually, for the storm. Joe DiPompeo lived through the storm, as a homeowner, a business owner, and as a Structural Engineer. Mr. DiPompeo experienced the crisis that occurred when widespread power outages led to the breakdown of communication and transportation systems, including cell service, gasoline supplies, banking services and food distribution. He also lived through the consequences of the storm as a business owner where all business in the New York Metropolitan area was completely shut down for 1-2 full weeks. Shortly after things began to return to normal, Mr. DiPompeo experienced, first hand, the damage the storm caused to the coast and also inland with tree damage.

This presentation will focus on Mr. DiPompeo's experiences in all three of these roles, before, during and after the storm.

Joe DiPompeo is the Owner and President of Structural Workshop, LLC, a structural engineering and building consulting firm located in Parsippany, New Jersey and a Licensed Engineer in 20 states. He is the current Chair of the ASCE/SEI Business Practices Committee. Joe resides in Mountain Lakes, New Jersey, with his wife, Jennifer, and his three children, Jack, Joey and Jordan.

## Don't Miss Out July General Meeting

Thursday, July 18, 2013

(Breakfast at 7:30 a.m.)

**Location: Renaissance Denver Hotel**

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

**MUST RSVP by Monday, July 15th**  
on the SEAC website at:

[www.seacolorado.org](http://www.seacolorado.org) or e-mail

Caryn Farrell at:

[seac@martinmartin.com](mailto:seac@martinmartin.com)

# BOARD OF DIRECTORS

Structural Engineers Association of Colorado



**Jim Ness**  
President

Monroe & Newell Engineers, Inc.  
303-623-4927  
[jness@monroe-newell.com](mailto:jness@monroe-newell.com)



**Paul Hause**  
VP/Treasurer

Structural Consultants, Inc.  
303-399-5154  
[paul@sci-denver.com](mailto:paul@sci-denver.com)



**Don Carroll**  
Secretary

J.R. Harris & Company  
303-860-9021  
[don.carroll@jrharrisandco.com](mailto:don.carroll@jrharrisandco.com)



**David Poe**  
Past-President

Anchor Engineering, Inc.  
303-783-4797  
[david@anchoreng.com](mailto:david@anchoreng.com)



**Stan Welton**  
Director

Thornton Tomasetti  
303-876-5700  
[SWelton@ThorntonTomasetti.com](mailto:SWelton@ThorntonTomasetti.com)



**Tom Skinner**  
Director

JVA, Incorporated  
303-444-1951  
[tskinner@jvajva.com](mailto:tskinner@jvajva.com)



**Bob Pattillo**  
Director

Pattillo Associates Engineers, Inc.  
970-945-9695  
[bob@paengineers.com](mailto: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

**T**imes (and temperature) are a changing! Talk about being HOT!!! And not just the weather!!! SEAC is cranking along! Our May General Meeting, with its many firsts, went great! We may not be ready for the big leagues, but due to the efforts of our in-house IT (David Poe and his sidekick Kevin) the first-time Webcast went very well! Eli Wald's presentation went well, though we could have had him speak for a while longer if we had the time. The Strategic Planning subcommittee is getting rolling! (There will be more information coming out shortly about that committee.) The Northern Colorado Committee had its first breakfast/field trip event! They visited a Passive House project located west of Ft. Collins. We have an exciting presentation coming up at the July General Meeting. Joe DiPompeo, P.E., from New Jersey will be joining us and telling us his story about weathering the Superstorm Sandy last October. (Webcast of course!) And lastly, the SEAC membership has increased to **298** members! I hope you all are seeing more work come in the door. It seems as if most firms are getting busier. However, we all know that can change quickly, though hopefully not soon! I must admit that I thought we would be seeing some slow down by now. As we have seen in the past, maybe Denver and the Front Range will buck the national trends! For now, I guess we keep working as hard as we can, keeping our clients as happy as we can!

Are you feeling the HEAT? The National AIA convention was in Denver on June 20<sup>th</sup> through June 22<sup>nd</sup>. We had many architects walking by our downtown office. It was great to see so many "technical" people out and about, heading to exciting presentations and fun times networking and socializing. I had many clients that took time to attend some aspect of the convention. I hope that the out-of-towners were impressed by all the construction and work going on in the Metro Area and at DIA! Denver is the HOT place to be!

On the downside related to the summer heat are the wildfires that are very destructive to Colorado and Coloradoans! Please do what you can whenever there are requests for help or funds or supplies for the folks devastated by the wildfires. Keep them in your hearts and prayers during these dry times! Be safe with anything related to HEAT!

Thanks again to Eli Wald for his presentation in May. His presentation is now on the website, available for downloading. And thanks to all the SEAC members and Committee chairpersons who have been doing the good work of SEAC!

Hopefully you get a chance this summer to spend some quiet time away from work, out of the HEAT of the summer days and the HEAT of work! Colorado has so many opportunities for enjoying the outdoors! Unfortunately or (fortunately.... depending on how you look at it?) work can get in the way of enjoying what Colorado has to offer! So, enjoy the HOT summer, but don't forget to cool off and rejuvenate yourself every now and then!



Jim Ness, P.E.  
SEAC President

# SPONSORS - THANK YOU

Structural Engineers Association of Colorado

YOUR LOGO COULD GO HERE!!!

## JULY SPONSOR PRESCIENT

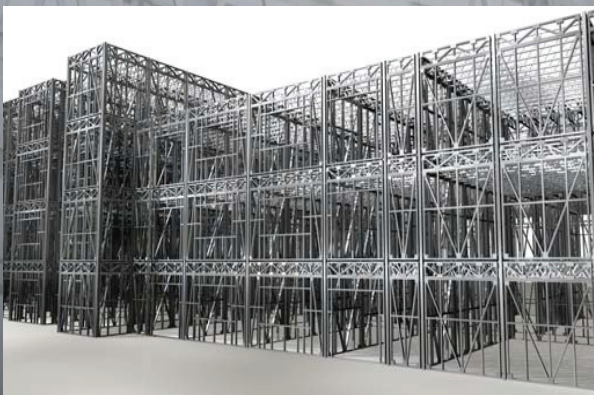
**PRESCIENT®**  
FASTER, BETTER, GREENER, CHEAPER

*Our innovative cold formed structural system and integration software expedite architectural and engineering design and optimize value engineering and coordination.*



### The Benefits are Real!

- **Competes with wood framing** in terms of cost and performance
- Provides as much as **35% cost savings** over cast-in-place concrete
- Reduces structural core construction schedule by as much as 50%
- Is **manufactured offsite** in a controlled environment to very tight tolerances, reducing site impact and ensuring quality
- Is integrated in building plans through our proprietary **Prescient Software** which produces a full BIM model of the structure early in project design phase. This enables precise cost budgeting, seamless coordination, and better value engineering
- Enables **integration of building systems** and assemblies including elevators, windows, stair towers, balconies, HVAC systems, and more
- **Early and Accurate** Take-offs and Budgeting
- **More Effective** Design Build and Team Collaboration and Coordination



DOWNLOAD OUR FREE ADD-IN  
FOR AUTODESK® REVIT®!

[HTTP://WWW.PRESCIENTCO.COM/DOWNLOADS/](http://www.prescientco.com/downloads/)

Do you know someone who would like to sponsor one of our SEAC Meetings? Please contact David Poe - Past-President for more information. [david@anchoreng.com](mailto:david@anchoreng.com)



# GENERAL ANNOUNCEMENTS

Structural Engineers Association of Colorado

## SAVE THE DATE

WHAT: SEAC FALL SEMINAR

WHEN: October 17, 2013 - 1/2 DAY

WHERE: LOCATION & TIME - TBD

### TOPICS:

“Floor Vibration” by Dr. Linda Hanigan  
“Specifications and General Notes”  
by Greg Markling



# WELCOME

### Please Welcome Our New Members

Mark Benjamin (Professional Member)  
Crown Jade Design and Engineering, LLC

Rae Doner (Professional Member)  
CTL/Thompson, Inc.

Robert Oddo (Professional Member)  
Oddo Engineering, Inc.

Natasha Ayala (Affiliate Member)  
Jirsa Hedrick Structural Engineers

Jessica Johns (Affiliate Member)  
Peak Engineering

Ashley Zautcke (Affiliate Member)  
Lyntek, Inc.

Jacob Machone (Student Member)

# EMPLOYMENT OPPORTUNITIES

Structural Engineers Association of Colorado

## Thornton Tomasetti

### Senior Investigative Structural Engineer

Thornton Tomasetti is seeking a talented Senior Investigative Structural Engineer for our Building Performance and Property Loss practices in our Denver office.

#### Responsibilities include:

- Assisting senior staff in documentation of existing conditions, site investigations and design reviews.
- Field investigations and water leakage testing of roofing and waterproofing systems, windows, curtain walls, and other building components.
- Design of remedial repairs to existing building systems, including roofs, windows, wall systems, and waterproofing systems.
- Peer reviews of plans and specifications.
- Litigation support for projects involving all of the issues discussed above.

#### Requirements:

- Master's degree in structural or architectural engineering (preferred).
- 6 to 10 years of related work experience in the Denver Area.
- Interest in building technology, investigating and solving problems in existing structures.
- Strong technical, written and verbal communications skills.
- Technical research skills.
- Ability to learn and work independently.
- Ability and interest in working in the field.
- Willingness and ability to travel outside local area for project assignments.
- Valid driver's license and an acceptable Motor Vehicles Report.
- The ability to perform physically strenuous tasks related to the job in all types of weather and work environments.

Ideal candidate will be an effective communicator, enthusiastic, responsible, conscientious, team-oriented, self-motivated, adaptable, analytical and able to get along well with others.

We offer a competitive salary 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](mailto:MWelton@ThorntonTomasetti.com)

Thornton Tomasetti is an Affirmative Action/Equal Opportunity Employer

#### Classified Ad Policy

To place an ad please contact  
Caryn Farrell at:  
[seac@martinmartin.com](mailto:seac@martinmartin.com)

Ads will be placed on the SEAC  
website and newsletter.

The cost is \$100.00.

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