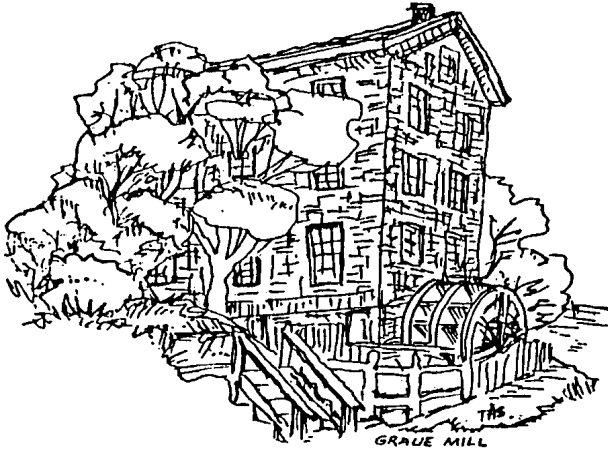




Illinois Society of Professional Engineers

A state society of the National Society of Professional Engineers



THE BRINE

ISPE-SALTCREEK.ORG

SALT CREEK CHAPTER

JANUARY 2017

VOLUME 43 ISSUE 5

SAVE THE DATES

- ✓ February 3, 2017 ~ 1st Friday Webinar - Topic TBA
- ✓ January 26, 2017 ~ Joint DuKane and Salt Creek chapter meeting
- ✓ February 11, 2017 ~ 2017 Salt Creek Chapter MATHCOUNTS Competition

SALT CREEK CHAPTER MEETING

The January chapter meeting is traditionally reserved for a joint meeting with the DuKane chapter.

Thursday the 26th, Glenn Clayton will present on climate change, and 1 pdh will be awarded to attendees.

The Turf Room
1033 Kilbery Lane
North Aurora, IL 60542
(630) 906-9300

www.theturfroomrestaurant.com

Cost: \$40/person (plus cash bar)
When: January 26th at 6:30pm
RSVP: Dan Grecco
DGreccoD@aim.com
(630) 745-0524

MATHCOUNTS

Calling all Math enthusiasts! It's that time of year again to volunteer for the Salt Creek chapter MATHCOUNTS contest. Save the date: **Saturday February 11, 2017!** We are looking for proctors, evaluators, scorers, and greeters. Remember 2 PDHs are earned for this event. You don't even need to take a test to get them! We are fortunate BP has agreed to host again.

Competition Details:
BP Corporate Campus
150 W. Warrenville Road
Building 602
Naperville, IL 60563

2/11/17
7:00 am Set up
8:00 am Registration
8:45 am Opening / Safety
2:00 pm End

This event runs smoothly with the help of many. Please consider volunteering by contacting Dawn Brook or Dan Grecco.

TIA (Thanks in Advance)! -Dawn Brook

President: John Eisele, PE
john.eisele@gza.com

President-elect: Gilbert Goodman
GGoodman717@yahoo.com

VP Professional: VACANT

VP Public Relations: Damir Stasic
PESparky@aol.com

VP Operations: Dan Grecco
DGreccoD@aim.com

Treasurer: Cindy Gustafson
c.gustafson@sbcglobal.net

Secretary: VACANT

ISPE Chapter Representatives:
Dawn Brook, DawnCBrook@gmail.com
Brandon Gorte, BGorte@comcast.net

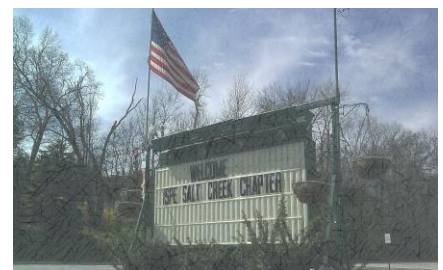
MATHCOUNTS Chairs:
Dawn Brook, DawnCBrook@gmail.com
Dan Grecco, DGreccoD@netscape.net

Engineers Week Chair: Dirk Krueger
dirkrueger@comcast.net

Scholarship Chair: Rich Pocius
RichJPo@aol.com

IN THIS ISSUE...

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- 3 ENGINEER IN THE NEWS
- 4 STEM EXPO



PRESIDENT'S MEMO

PRESIDENT'S MEMO

For those who attended the Christmas party last month, you know that we had a terrific time. Those who could not make it, you really missed out. Thanks again to Dan and Dom for arranging the event. Both MATHCOUNTS and E-Week are coming up next month. We need good participation from the membership for both events. With all the options available to students for areas of study, we need to encourage students to enter our profession. This is an easy way to do it. Please contact the committee members if you can spend a little time on a Saturday explaining to students the value of math, science, and engineering as a career.

Thanks, John Eisele, P.E.

NOVEMBER 2016 MEETING MINUTES

ISPE Salt Creek Chapter Meeting, November 15, 2016. Meeting was held at Francesca's Bellezza in La Grange. The meeting was called to order a 7:45 pm. Thirteen (PE) members attended along with one guest plus our speaker Brian Zeeck.

John Eisele asked for a motion to approve the October meeting minutes, which were published in the November Brine. Rich Symns made the motion and Dirk Krueger seconded. The motion was approved unanimously.

No Treasurer's report.

Committee Reports

John Eisele asked that all award nominations be submitted to the EC by the end of November. Also E-Week and Mathcounts will be discussed at the December EC meeting.

Dirk Krueger reported that 4 Chapter members attended the November 14, 2016, ISPE-STEM event held at Joliet Junior College. There were about 50 students who attended the event and of the students, about 40% were women.

Old Business

Dan Grecco and Dom Stasic reported that the Christmas party is scheduled at Porterhouse Steak & seafood in Burr Ridge on December 10, 2016. The meal choice does not have to be selected in advance. All non-members are welcome to attend the event. RSVP should be by December 3, 2016.

No New Business

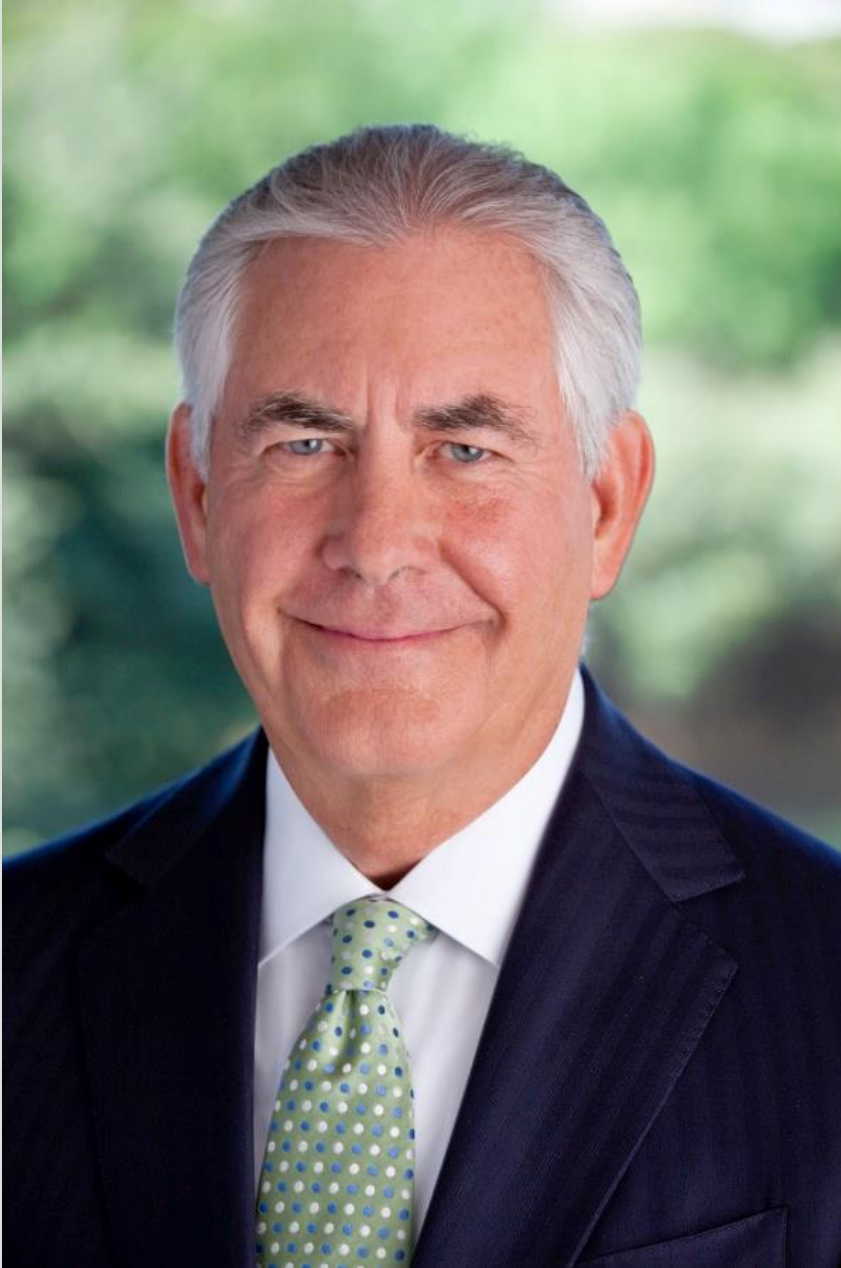
Dan Grecco introduced our speaker, Brian Zeeck from Hinshaw & Culbertson presenting "Professional Engineering Ethics Requirements". The major points are as follows:

1. The Professional Engineer's Act requires ethical practice from those given the privilege to practice the profession.
2. Most of the ethical questions can be resolved by using common sense.
3. Evaluation of the impact on Public safety is the key requirement for determining any actions by the Courts or Administrative Review Boards.
4. If you are rationalizing your conduct, you have probably crossed the ethical line.
5. NSPE publishes an Ethics Reference Guide.
6. Regarding any ethics question, make sure that the facts are known.
7. Ignorance is no excuse for the rules.
8. If there is a contract relationship, there is a duty to notify your client of any ethical issues.
9. When seeking work, you must be competent in the work that is being sought.
10. Seal work as if it was your own. If you have not done it directly, then you must be satisfied by your review of the work that it is satisfactory to seal.
11. For reports, any personal interest in the matter must be revealed.
12. If there is an ethical question, first talk to your client regarding a conflict of interest and also seek an attorney if needed.

Meeting adjourned at 9:15 pm. — *John Eisele, P.E.*

ENGINEER IN THE NEWS

Rex Wayne Tillerson received a bachelor's degree in civil engineering from the University of Texas at Austin in 1975.



BIG THANKS TO 2016-2017 MEETING SPEAKERS...

Steve Schultz, Ph.D., Writing at Work, Inc.

Eric Kara, Kara Company in Countryside, Illinois

Brian Zeeck, Hinshaw & Culbertson LLP



ENGINEERS CREED

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge to:

Give the utmost of performance.

Participate in none but honest enterprise.

Live and work according to the laws of man and the highest standards of professional conduct.

Place service before profit, the honor and standing of the profession before personal advantage and the public welfare above all other considerations.

In humility and with need of Divine Guidance, I make this pledge.

INSPIRE THE NEXT GENERATION OF STEM PROFESSIONALS

Join the DuPage Area STEM Expo (formerly known as DuPage Area Engineers Week) for an interactive exploration into science, technology, engineering and math. Over 50 displays, presentations, projects to take home, and activities for school age children, grades K – 6. The DuPage Area STEM Expo, in conjunction with national Engineers Week, is a specialized event designed to promote the awareness of professional and educational opportunities provided among engineering and STEM (science, technology, engineering and math) fields.

Some things to do at the Expo:

Explore the explosive power of Nitrogen and cryogenics at the infamous Mr. Freeze show
 Visit this hands-on shake table and construct an “earthquake resistant” LEGO® skyscraper
 NEW! Construct a Nakamura Lock Paper Airplane with Engineering for Kids
 Experience a hands-on modern fire detection and alarm simulation
 Join Chicago Area Vision Makers, DuPage Children’s Museum, Zoom into Engineering, LEGO® Robotics, Working Bikes and more for hands-on STEM exploration activities!

Saturday, February 25, 2017
 10:30am – 3:30pm

The Salt Creek Chapter has been participating at this EXPO since it started. But, we can always use more help, and especially new ideas to interest the many youngsters that attend the EXPO. Contact Dirk Krueger if you have any ideas or are able to help out at the EXPO.

SALT CREEK CHAPTER PAST PRESIDENTS

1959-60	Dale V. Hammond	1960-61	Wayne M. Reed	1961-62	Clifford Kreelman
1962-63	Merl Mouser	1963-64	Richard V. Doherty	1964-65	Fred H. Sanneman
1965-66	Paul E. Flood	1966-67	Howard M. Rayner	1967-68	Richard O. Mitter
1968-69	John D. Eyestone	1969-70	Orville L. Meyer	1970-71	William Lazzari
1971-72	William Macarus	1972-73	William Cumming	1973-74	Alden T. Wulff
1974-75	Roy W. Morling	1975-76	Edward Stec	1976-77	David A. Dunn
1977-78	Larry VandeWalle	1978-79	James Valancius	1979-80	Edward Slindee
1980-81	Jack Stansbeary	1981-82	Thomas R. Kaar	1982-83	Dan Nelson
1983-84	Robert W. Cutter	1984-85	Randall W. Bus	1985-86	Joseph H. Rush
1986-87	Claude H. Hurley	1987-88	Carl F. Roth	1988-89	Gilbert Goodman
1989-90	Linda Huff	1990-91	Thomas Palansky	1991-93	Thomas Miller
1993-94	Arthur K. Banks II	1994-95	Richard Kipp	1995-97	William Lindley
1997-98	Craig Knoche	1998-00	Ronald Kuhlmann	2000-01	Douglas Criner
2001-02	Phillip Wolf	2002-03	Richard Pocius	2003-04	Anthony Banasiak
2004-05	Norman Gutauckas	2005-06	Claude H. Hurley	2006-07	Dale Durfey, Jr.
2007-08	Glenn Clayton	2008-10	Dan Grecco	2010-11	Gary Emore
2011-12	Frank Lech	2012-13	Richard Symns	2013-14	Leo Moritz
2014-15	Brandon Gorte	2015-16	Dawn Brook		