

THE BRINE

ISPE-SALTCREEK.ORG

SALT CREEK CHAPTER

MAY 2018

VOLUME 44 ISSUE 6

SAVE THE DATES

JUNE 1, 2018 ~

[Open Source Software In Engineering](#)

JUNE 26, 2018 ~

[Illinois Legislators Panel](#)

'18 CHAPTER SCHOLARSHIPS

Two \$1000 scholarships were awarded to two undergraduate engineering students enrolled in Illinois ABET accredited engineering programs. Rafal Walus is a senior at Illinois Institute of Technology. Rafal will graduate with a BS degree in Civil Engineering and an MS degree in Structural Engineering. He is the treasurer of the Structural Engineers Association of Illinois-Student Chapter and a member of the Concrete Canoe Team. He participated in various research projects and two corporate internships. Kenzie Kaiser is a senior mechanical engineering student at Northern Illinois University. Kenzie will graduate this May. She is a member of the Society of Women Engineers and the Ambassador's Club. She was an undergraduate teaching assistant and had corporate intern positions. Kenzie also participated in a STEM outreach program for high school students. Congratulations to both of our scholarship winners! We wish them great success in their future engineering careers...

—Rich Pocius, Scholarship Committee Chairman

MAY CHAPTER MEETING

Date: Thursday May 24th

Time: 6:30pm - 8:30 pm

(with the first half-hour optional as meet and greet only)

Location:

White Fence Farm

1376 Joliet Rd

Romeoville, IL 60446

Website: whitefencefarm-il.com

Cost: \$35 (soda/coffee, cash bar)

Meal: Choice of chicken, fish, pork, steak (T-BONE add \$10), dessert
RSVP's not needed on meal choice.

May's chapter meeting is also worth 1 PDH as ISPE President Jeffrey Large will be providing the chapter a state of the state/national update.

RSVP: DGreccoD@netscape.net

President: John Eisele
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: John Eisele

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

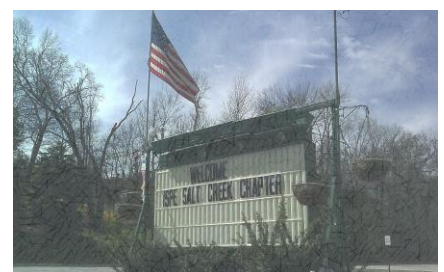
MATHCOUNTS Chairs:
Dawn Brook, DawnCBrook@gmail.com
Dan Grecco, DGreccoD@netscape.net

Engineers Week Chair: Dirk Krueger
dirkrueger@comcast.net

Scholarship Chair: Rich Pocius
RichJPo@aol.com

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AND NOW, A WORD ABOUT OUR SPONSOR...

Bud Hurley received the Illinois Award, the highest award conferred by I.S.P.E., for his many years of service to the profession and to the society at the national, state, and chapter levels.

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1st MARCH MEETING MINUTES

The meeting of ISPE Salt Creek Chapter was held on March 7, 2018, at the Bohemian Crystal Restaurant in Westmont. The meeting was called to order at 7:30 pm. In attendance were 5 PE members.

Minutes – John Eisele asked for a motion to approve the January 31, 2018 meeting minutes. A motion to approve the minutes was made by Dawn Brook and seconded by Bud Hurley. The motion passed unanimously.

Treasurer's Report – No report

Committee Reports

E-Week, John Eisele reported there was another good turnout at the event and that all the tables were busy for the entire time. There were probably over 1,000 attending the event.

Mathcounts, Dawn Brook reported that 21 schools participated this year and that a school that entered for the first time took first place.

Scholarship, John Eisele reported that the scholarship applications are due April 9, 2018.

State representatives, Dawn Brook reported that the recommendation is for the integration affiliation membership.

Bud Hurley, reported that there will be a discussion period from March 23 to March 28. The voting by the delegates will be from March 28 to March 30, 2018. There is no deadline for the agreement, but the by-laws of the Chapter will need to be changed to reflect the new agreement.

Operations, Dan Grecco reported that the next meeting would be at IKEA with the topic discussing the solar panels used on the building.

Old Business: No old business

New Business

The speaker for this evening was Dan Bolinger from the Bolinger environmental who spoke about the Dolomite Prairie Enhancement at the Joliet Arsenal. The main items presented are as follows:

1. The area consisted of 60 high and low quality wetlands on the site.
2. There were about 10 wetlands that covered about 40 acres that could be enhanced.
3. Areas of invasive species surrounded these wetland areas.
4. A seed bank was used to enhance the area with native species of plants.
5. The dolomite stone layer was very shallow with topsoil, which was very hydraulic.
6. The process of removing the buckthorn was started in 2008.
7. There were about 200 plots 10 meters in diameter and 200 feet apart that were enhanced.
8. The main performance standard was to obtain 90% tree and brush cover.
9. Controlled burns were used.
10. Brush clearing was done in winter to avoid damage to the soil.
11. The project was monitored through 2014.
12. Over the time period, the number of native species in the enhanced area doubled compared to 2008.
13. The soil layer also improved to be wetter over the study period,

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

John Eisele, P.E.



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.



Richard Symns and Dirk Krueger represented ISPE Salt Creek at the Lombard home-school event.

PRESIDENT'S MESSAGE

There have been many members of the Salt Creek Chapter who have worked very hard over the years to support our activities and goals. For this reason, the Executive Committee voted to name one of the general scholarships each year for a current member to honor the member's contributions to the Chapter. A different name will be selected each year and be designated for one of the scholarships. This year it is a pleasure to announce that the scholarship will be designated in honor of the contributions of Dirk Krueger. Thanks Dirk for all your efforts over the years to support the Chapter. The nominations for officers for 2018-2019 are as follows:

President: Gilbert Goodman

President-Elect AND VP Professional: VACANT

VP Public Relations: Damir Stasic

VP Operations: Dan Grecco

Treasurer: Cindy Gustafson

Secretary: John Eisele

ISPE Chapter Representatives: John Eisele, VACANT

Mathcounts Chair: Dawn Brooks: Dan Grecco

Engineers Week Chair: Dirk Krueger

Scholarship Chair: Rich Pocius

We are trying to fill the vacant positions, especially President Elect. Some of the committee chairs have also indicated that they will chair the committee for another year but they would prefer to train another member to take over for the next year. Please let either myself or any of the officers know if you would be interested in becoming more involved with the Chapter by helping with a committee or becoming an officer. Thanks, John Eisele, P.E.