

THE BRINE

ISPE-SALTCREEK.ORG

SALT CREEK CHAPTER

JANUARY-FEBRUARY 2018

VOLUME 44 ISSUE 3

SAVE THE DATES

FEBRUARY 2, 2018 ~

WEBINAR - CYBER SECURITY

MARCH 2, 2018 ~

Webinar - Energy Efficiency w AMEREN

PRESIDENT'S MEMO

At last month's Chapter meeting, the members approved funding for two \$1,000 scholarships to be awarded this spring. It is great to be able to assist engineering students finance their education. This will help provide for the continuation of the profession that we have all chosen. In that same vein, both MATHCOUNTS and STEM EXPO will be here in short order. If you have some availability, please let the coordinators for these events know that you can help. We need to continue to encourage young students to consider engineering as a valuable path in both studies and in life.

John Eisele, P.E.

JANUARY MEETING

Sawa's Old Warsaw Restaurant

9200 West Cermak Road
Broadview, IL 60155
Wednesday, Jan 31st
6:30pm - 8:30pm
\$30/attendee (cash bar)

Speaker Eric Kara went to school at Parkland College in Champaign, IL to study land surveying. Mr. Kara has worked full time in a support role with a focus on emerging technologies at Kara Company in Countryside, IL since 2007. One of the tools he will bring is a 3D laser scanner that is a first for its size and price. The unit is the BLK360, and it is a partnership with Leica Geosystems and Autodesk.

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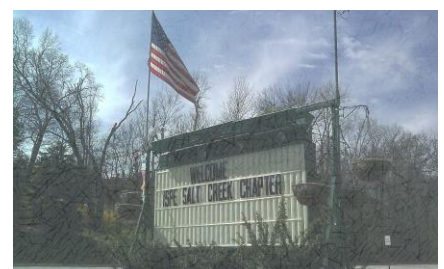
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AND NOW, A WORD ABOUT OUR SPONSOR...

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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ENGINEERS WEEK – STEM EXPOILLINOIS TECH (Formerly ILLINOIS INSTITUTE OF TECHNOLOGY)201 East Loop Rd., Wheaton, IL 60189SATURDAY, FEBRUARY 24, 201810:30 AM to 3:30 PM

Join us at 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:

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

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. We will have our usual display at this coming EXPO.

Contact Dirk Krueger if you have any ideas or are able to help out at EXPO.

Dirk Krueger, P.E., 2018 SCC EWeek Chairman,
<mailto:dirkrueger@comcast.net>

**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.



2018 NATIONAL ENGINEERS WEEK

The theme for the 2018 Engineers Week is “Engineers Inspiring Wonder.” Though you may not think of yourselves in such terms, many youngsters who attend the STEM EXPO at IIT are in awe of the things they see and the activities they participate in.

The national engineering website - <http://www.discovere.org> - has a lot of interesting information related to National Engineers Week, and getting youngsters, especially girls, interested in technical pursuits.

Engineers Week is February 18 - 24, 2018. The annual Engineers Week EXPO, now called STEM EXPO, at the Rice Campus of IIT in Wheaton will be Saturday, February 24, from 10:30 AM to 3:30 PM. This will be the 34th year that the Rice Campus has hosted the EXPO. Mark your calendars and plan to bring your children and grandchildren.

As is the past, the Salt Creek Chapter plans to participate at the EXPO at IIT. We can use all the help we can get, especially new volunteers with new ideas for grabbing the attention and interest of the youngsters we want to see enter STEM studies and careers. *Dirk Krueger, P.E., 2018 SCC EWeek Chair*