

# DAYTON SOCIETY OF PROFESSIONAL ENGINEERS

*DEDICATED TO THE PROMOTION OF THE PROFESSION OF ENGINEERING*

## THE DAYTON ENGINEER

VOLUME 10, ISSUE 11

NOVEMBER 2019

Aviation History Month  
Plan Your Epitaph Day—**2nd**  
U.S. Election Day—**5th**  
USMC Birthday—**10th**



Veterans' Day—**11th**  
Homemade Bread Day—**17th**  
Great American Smokeout—**21st**  
Thanksgiving Day—**28th**

### IN OTHER NEWS, ENGINEERING MATTERS:

Dear Dayton Region Engineers  
(and Friends)

Greetings from your Dayton  
Chapter!

On Chapter News, your Dayton Chapter is delighted to welcome four new counties to our Dayton region: Mercer, Auglaize, Shelby, and Logan. Welcome aboard! These counties, along with Allen County formed part of the Lima Chapter. The Lima Chapter Board decided to dissolve the Chapter for a key reason: lack of membership involvement. Every professional organization struggles with this same challenge: attracting members to

service. Organizations like ours compete with other activities for your time and for your resources.

So, what is our value proposition? Accomplishments like House Bill 189 (Tyler's Law) are the result of a concerted effort of the Ohio Society of Professional Engineers and local Chapters. Our active involvement at the Ohio General Assembly added a crucial perspective as well as language into this new Law. We are actively monitoring legislation that attempts against the engineering profession; our North Star is "to protect the public welfare, to safeguard life, health, or property". Just to

mention a few. The "harvest is plentiful, but the laborers are few". We need your involvement to sustain this outreach. If you believe we need to bring more young people into the engineering profession, consider volunteering for Imagine Engineering or MATHCOUNTS. Young children need role models like YOU! Other ways to contribute include donations to the Engineers Foundation of Ohio and to our local Chapter. These resources translate into expanded youth programs as well as scholarships. Our profession's success begins with YOU! See you at the November Luncheon.

### OSPE AWARDS NOMINATION DUE DATES

Please keep these award nomination due dates in mind. These awards recognize individuals who do a great deal for the profession, but they also count for our Chapter towards our STAR Chapter award, as well. [These dates are assumed to be consistent with past years.]

#### **Due 1 December 2019:**

STAR Chapter Recognition Program  
OSPE Young Engineer of the Year  
NSPE Fellow Membership Status

#### **Due 1 February 2020:**

OSPE Citation

#### **Due 1 February 2020 (cont.):**

Meritorious Service Award  
Outstanding Engineering Student Award  
Outstanding Engineering Educator Award  
Outstanding Engineering Achievement Award

## DSPE MATTERS



Where do you see our Engineering and Surveying professions in 5 years? 10 years?

Where do you see our State and Local Chapters in the same time frames?

Now the \$25,000 question: Where do you see yourself in the same time frame? How can you help us get to that point?

These are important questions, because they require critical thought and strategy in so many levels.

Do you enjoy helping make things happen? Do you get a real charge

out of organizing and encouraging others, maybe planning event logistics? Maybe you are of a mind to take relatively little bites of a large project and making them flow and work.

Or maybe you are a “tech” type that likes to do back stage computer work, like recording data in spreadsheets and processing that data into actionable information.

Maybe you like to work with young people and tell stories of the engineering days of yore, showing pictures that compare today’s technologies to that of a half century ago.

Maybe you are still in love with the draw of math and would like to work with our youth to transfer

that wonder and fascination to them.

If any of these fit you, or perhaps you have other strengths and would like to transfer them to another generation, we sure have a place for you to fit right in.

Our Chapter hosts a number of programs that have your name on them. You are the key to the future of engineering and transferring that vision to another generation.

Please consider your investment in engineering in our nation...and beyond...and contact any of the Chapter Board members listed below.

You can be the key!

## PLEASE KEEP IN MIND:

Meet your new DSPE Board of Directors:

President—**Aurea Rivera**

Past-President—**Richard Henry**

Treasurer—**Joseph Pokorski**

Secretary—**Jon Wheeler**

OSPE Director—**Jim**

**Montgomery**

Directors:

**Joy Amundson,**

**Wayne Grilliot,**

**Winn Holcombe,**

**Jim Kauppila,**

**Bill Nolte, and**

**Steve Schultz**

**Your Name Could Be Here!**

The **2020 All Ohio Engineers Conference and OSPE Annual meeting** will be held here in **Dayton!** We are seeking your input and assistance to develop technical and family tour ideas. If you have ideas you wish to bring forward, and even better, if you

would like to help, please contact Aurea Rivera, at [aurea.rivera@imarean.com](mailto:aurea.rivera@imarean.com).

The **EFO Fall CPD Conference** is scheduled for **7-8 November 2019** at the Bridgewater Conference Center, Powell, OH. Up to 15 CPD hours are available for full participation. More information will be announced soon.

**MATHCOUNTS** and **ImagineEngineering** programs will be kicking off in the upcoming couple of months. Please contact Aurea Rivera for MATHCOUNTS or Jon Wheeler for *ImagineEngineering* 2nd Grade Coloring Contest opportunities.

The Dayton Society of Professional Engineers is soliciting nominations for the

**Annual Young Engineer of the Year Award** presented in recognition of outstanding professional accomplishments of Ohio’s young engineers. Any NSPE member in good standing (Professional Engineer or Engineer-in-Training) who is age 35 or under is eligible for nomination. Seven criteria include educational and collegiate achievements; professional society activities; technical society activities; civic and humanitarian activities; continuing competence including graduate studies, seminars, technical papers and patents; engineering achievements; and professional experience. Accomplishments in the state of Ohio are most important in the evaluation.

## NOVEMBER DSPE MEETING—14 NOVEMBER 2019

The November 2019 DSPE Chapter meeting will be 14 November from 12:00 noon to 2:00 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. **Mr. Alex Yazdani**, Sigma Technologies, will present **“Renewable Energy, Part 2.”**

In February, Mr. Yazdani discussed renewable energy for

Earth and Wind categories. This month, he will conclude his discussions with renewable energy under the categories of Solar-, Hydro-, and Ocean-powered energy.

A buffet lunch will be served. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees will receive one and one half (1.5) Professional

Development Hour (PDH).

Those wishing to attend should make your reservations no later than Tuesday, 12 November 2019 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).



## DECEMBER DSPE MEETING—12 DECEMBER 2019

The December 2019 DSPE Chapter meeting will be on 12 December from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. Mr. Clint Chapman, Global Sales Team, Yaskawa America Inc., Motoman Robotics Division, will discuss **“Non-Welding Applications for Robotic Automation”**.

A buffet lunch will be served. The cost is \$20 for members, \$30 for

nonmembers and \$10 for students. Attendees will receive one (1) Professional Development Hour (PDH).

Those wishing to attend should make your reservations no later than Tuesday, 10 September 2019 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).

The logo for Yaskawa, consisting of the word 'YASKAWA' in a bold, blue, sans-serif font.

## JANUARY DSPE MEETING—9 JANUARY 2020

The January 2020 DSPE Chapter meeting will be on 9 January 2020 from 12:00 noon to 2:00 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. **Speaker and Topic TBD.**

A buffet lunch will be served. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees will receive one and one half (1) Professional

Development Hour (PDH) for their ethics requirement.

Those wishing to attend should make your reservations no later than Tuesday, 7 January 2020 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).

## NEXT BOARD MEETING, NOVEMBER 2019

The next DSPE Board meeting will be held on 12 November, 2019, starting at 5:15 PM, in the Wright State University Engineering Dean's conference room. All Chapter members are welcome and encouraged to attend and observe the process. Interested in becoming a Board member? Come and participate.



DAYTON CHAPTER—  
OHIO SOCIETY OF  
PROFESSIONAL  
ENGINEERS

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OSPE is dedicated to the advancement of professional engineers in Ohio and is the single most powerful voice representing all disciplines within the engineering

profession. The Dayton Society of Professional Engineers (DSPE) is a chapter of the OSPE serving the local Dayton Region. DSPE aspires to conduct a monthly chapter luncheon meeting that will serve our members by providing an opportunity to come together to share professional experiences, to network, and to gain continuing professional development through interesting presentations on a variety of technical, management, and ethics topics on all engineering disciplines. **Is there anything you would like to see in the Newsletter? Please let me know:** [jon.wheeler@yahoo.com](mailto:jon.wheeler@yahoo.com).

— Jon Wheeler, P.E., DSPE Secretary, Newsletter Editor

## FINANCIAL CONTRIBUTIONS TO HELP MEET CHAPTER MISSION



Our chapter activities are focused on youth education and college scholarships and include (but are not limited to) **2nd Grade Coloring Contest via *ImagineEngineering***, and **Middle School MATHCOUNTS**. These are our Society's flagship events to bring to our youth an awareness

of the value of science, technology, and especially the engineering profession. It requires hands-on participation and financial contributions from our members, that's you and me. Your personal and corporate financial contributions are solicited through our Engineers Foundation of Ohio (EFO) to help us host these events on a local, state, and national level (except for the coloring contest). Please

consider making a personal contribution and soliciting from your company, if they have a community relations department. Contributions through EFO are fully tax-deductible. Please contact us for the tax ID number for your records. Even more important for the success of these events is your hands-on participation. Please contact a board member for opportunities.

## DSPE/OSPE/EFO CALENDAR

1 Nov	<i>ImagineEngineering</i> Coloring Contest Program Launch
7-8 Nov	Annual EFO Fall CPD Conference, Bridgewater Conference Center
12 Nov	DSPE Board meeting, 5:15 PM, Wright State University, Engineering Dean's Office
14 Nov	DSPE Monthly meeting, Dayton Engineers Club, 12:00 Noon
1 Dec	OSPE Award Nominations Due for: STAR Chapter, Young Engineer of the Year, and NSPE Fellow Membership Status Awards
2 Dec	EFO December Seminar, Independence Double Tree, 8:00A-4:00P, 6 CPDs available
3 Dec	EFO December Seminar, Hilton Garden Inn, Perrysburg, 8:00A-4:00P, 6 CPDs avail.
6 Dec	EFO December Seminar, Holiday Inn Cincinnati North, 8:00A-4:00P, 6 CPDs avail.
10 Dec	Annual DSPE Christmas/Holiday Party, Location TBD
12 Dec	DSPE Monthly meeting, Dayton Engineers Club, 12:00 Noon
13 Dec	OSPE/EFO Board and Committee meetings, Crowne Plaza Columbus North, 9:00 AM