

DAYTON SOCIETY OF PROFESSIONAL ENGINEERS

DEDICATED TO THE PROMOTION OF THE PROFESSION OF ENGINEERING

THE DAYTON ENGINEER

VOLUME 10, ISSUE 10

OCTOBER 2019

Adopt a Shelter Dog Month
Coffee Day—**1st**
Techies Day—**3rd**
World Teachers' Day—**5th**



Fire Prevention Day—**9th**
Boss' Day—**16th**
Frankenstein Friday—**25th**
Navy Day—**27th**

DSPE MATTERS:

Greetings DSPE Chapter members! I am your new DSPE Chapter President; truly honored with the opportunity to lead our engineering's continuing education, STEM outreach, and community service activities for this fiscal year. As a practicing engineer who believes that what you track gets done, I want to share with you my goals for this year. These are:

- A 10% Membership growth, especially for new engineers coming into our profession.
- Expand our continuing education opportunities to include evening presentations in addition to our monthly luncheons hosted at the Engineers Club.

- Re-start our website.
- Expand our MATHCOUNTS' and Imagine Engineering School Outreach.
- Re-establish a student's observer position at the Board.
- Reach out to Engineering School's Administration and Student Associations to mentor students on the benefits of professional engineering licensure.
- Host the 2020 Annual Conference in June 2020.

All of these goals have one element in common: YOU! Without your active support in the form of volunteering for activities like Imagine Engineering,

MATHCOUNTS as well as attending our Monthly Programs, we will not be able to meet these goals.

As we develop our strategic plan for the year, I need YOUR input, ideas and feedback. Please contact me at aurea.rivera@imarean.com or during our Monthly Luncheons with your thoughts and ideas concerning this roadmap.

Thank you. I wish you a great DSPE Day!

Aurea



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.

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.

OCTOBER DSPE MEETING—10 OCTOBER 2019

The October 2019 DSPE Chapter meeting will be on 10 October 2019 from 12:00 noon to 2:00 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. **Mr. Mike Pniewski, PE**, Lucas County Chief Deputy Engineer will speak on **“Engineering Ethics”**.

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) for their ethics requirement.

Those wishing to attend should make your reservations no later than Tuesday, 8 October 2019 with Ed Schlaack by email at SchlaackE@mcoho.org or by phone at (937) 781-2632 (office).



NOVEMBER DSPE MEETING—14 NOVEMBER 2019

The November 2019 DSPE Chapter meeting will be 14 November from 12:00 noon to 1:30 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 (1) 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@mcoho.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@mcoho.org or by phone at (937) 781-2632 (office).

The logo for Yaskawa, featuring the word "YASKAWA" in a bold, blue, sans-serif font.

NEXT BOARD MEETING, OCTOBER 2019

The next DSPE Board meeting will be held on October 8, 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.

— 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

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|---------|--|
| 8 Oct | DSPE Board meeting, 5:15 PM, Wright State University, Engineering Dean's Office |
| 10 Oct | DSPE Monthly meeting, (Ethics Update) Dayton Engineers Club, 12:00 Noon |
| 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 |