

DAYTON SOCIETY OF PROFESSIONAL ENGINEERS

DEDICATED TO THE PROMOTION OF THE PROFESSION OF ENGINEERING

THE DAYTON ENGINEER

VOLUME 10, ISSUE 2

FEBRUARY 2019

American Heart Month

National Freedom Day—1st
Inventors Day—11th
Boy Scout Day—8th



Ferris Wheel Day—14h
National Battery Day—18th
Pistol Patent Day—25th
Carnival Day—26th

PLEASE KEEP IN MIND:

We will be looking for volunteers to talk to 2nd graders for the **ImagineEngineering 2nd Grade Coloring Contest**, through February 28; please contact Jon Wheeler with your interest in participating. We still need one or two volunteers to go to Graham Elementary School, in St. Paris, to speak to the students there.

TECHFEST 2019 is only a couple of weeks away—Saturday, 16 February (10AM to 6PM) and Sunday, 17 February (11AM to 5PM). TechFest is a free, two-day family event held at Sinclair Community College. It has been organized and conducted by the Affiliate Societies Council of Dayton since 2003. The theme of TechFest is STEM, which stands for Science, Technology,

Engineering, and Math. There are typically 70 hands-on exhibits and several INF-O-TAINMENT presentations to engage all ages in STEM-related activities.

Volunteers can sign up for 2-hour slots on EventBrite, at <https://www.eventbrite.com/e/techfest-2019-volunteer-registration-tickets-41509947370> or click here [TechFest Volunteer](#).

MATHCOUNTS: The Dayton MATHCOUNTS event will take place on the Saturday following Engineers' Week, 23 February, University of Dayton's Miriam Hall. Please contact Aurea Rivera (aurea.rivera@imarean.com) to express your interest in supporting this event. Volunteers

are always welcomed!

Fourteen schools from our Dayton region will be competing for the opportunity to represent their school and our Chapter in the State Competition scheduled for March 9th, 2019 at Columbus State. One of our 2018 Mathletes (Alan Xie from Ankeney Middle School) made it all the way to National competition in Washington, DC.

Congratulations to Alan and to Coach Erin O'Dell for their dedication to MATHCOUNTS and STEM!

—Jon Wheeler, PE, Chapter Secretary

THANKS TO MARK EVANS AND PRAMILA KAMATH, BRICKER & ECKLER, LLP

We want to express our sincere thanks to Mr. Mark Evans, P.E., Esq., Ms. Pramila Kamath, Esq., with Bricker & Eckler, LLP, for their presentation on "Key Legal Concepts for Ohio Engineers". Mark and Pramila discussed legal concepts that Ohio Engineers often encounter on projects. These topics included a discussion of implied warranties, indemnification and retainage. They will also discussed numerous other issues, including, but not limited to, incorporating ODOT specifications into contract documents, betterment and limitation of liability provisions in design professional contracts.



FEBRUARY DSPE MEETING—14 FEBRUARY 2019

The February 2019 DSPE Chapter meeting will be on 14 February from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. Mr. Alex Yazdani, PE, with Sigma Technologies, will discuss **“Renewable 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 February 2019

with Ed Schlaack by email at SchlaackE@mcoho.org or by phone at (937) 781-2632 (office).



MARCH DSPE MEETING—14 MARCH 2019

The March 2019 DSPE Chapter meeting will be on 14 March from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. Mr. Brandon Raybourne, CDM Smith, will discuss **“Using Bending Weirs for Combined Sewer Overflow Control”**.

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 March 2019 with Ed Schlaack by email at SchlaackE@mcoho.org or by phone at (937) 781-2632 (office).



APRIL DSPE MEETING—11 APRIL 2019

The April 2019 DSPE Chapter meeting will be on 11 April 2019 from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. University of Dayton Research Institute (UDRI) will present on the topic of Materials Testing.

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, 9 April 2019 with Ed Schlaack by email at SchlaackE@mcoho.org or by phone at (937) 781-2632 (office).



UPCOMING BOARD MEETING, FEBRUARY 2019 (LOCATION CHANGE!!)

The next DSPE Board meeting will be held on 12 February, 2019, starting at 5:15 PM, in the meeting room at **Fly Boys restaurant**, on the east side of Fairfield Commons Mall, right next to Chuy's.

All Chapter members are welcome and encouraged to attend and observe the process.



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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| 12 Feb | DSPE Board meeting, 5:15 PM Fly Boys Restaurant, Fairfield Commons Mall |
| 14 Feb | DSPE Monthly meeting, Dayton Engineers Club, 12:00 Noon |
| 16-17 Feb | Affiliate Societies Council TechFest 2019, Sinclair Community College |
| 17-23 Feb | Engineers Week! |
| 23 Feb | Dayton MATHCOUNTS, University of Dayton, Miriam Hall |
| 9 Mar | Ohio MATHCOUNTS Competition, Columbus State Community College |
| 12 Mar | DSPE Board meeting, 5:15 PM Wright State University Engineering Dean's Office |
| 14 Mar | DSPE Monthly meeting, Dayton Engineers Club, 12:00 Noon |
| 15 Mar | <i>ImagineEngineering</i> 2nd Grade Coloring Contest entries due to OSPE |
| 7 Apr | Ohio Engineer Certificate Ceremony, Ohio Statehouse Atrium |
| 9 Apr | DSPE Board meeting, 5:15 PM, Wright State University Engineering Dean's Office |
| 11 Apr | DSPE Monthly meeting, Dayton Engineers Club, 12:00 Noon |