National Hot Dog Month
Independence Day—4th
Bastille Day—14th
Moon Day—20th

Amelia Earhart Day—24th
Culinary Days—25th
System Admin Day—27th
Milk Chocolate Day—28th

Thoughts from the Chapter Officers

Coming up very quickly—
Chapter members: Please make your reservations by 8 July to Richard Henry, PE, PhD, rhenry1049@aol.com for 10 July 2018, from 6:00 to 8:00 PM, for the Chapter Officers and Directors Installation at Wellington Grille, in Beavercreek.

We also want to thank our OSPE staff (Tim, Holly, Pam) and everyone who worked so hard to provide an excellent All Ohio Engineers Conference and Annual Meeting! We participated in some excellent technical seminars and tours, and our spouses and family members experienced some very memorable tours and activities. The bar continues to be set high for the next year’s event!

Members: Soon we will start our logistical planning for our Chapter’s annual flagship offerings to our region’s youth: ImagineEngineering 2nd Grade Coloring Contest and MATHCOUNTS. Please let us know how you would like to help provide these significant STEM-relevant events to grow the engineering legacy in our region.

Thank you for your continued support!
—Jon Wheeler, PE, Chapter Secretary

OSPE Summer Webinar Series Announced

You can earn up to 4.0 CPD hours, 1.0 CPD per webinar, provided by Ohio University talent. Registration fee is $35 per webinar for OSPE members and $50 for non-members. Webinars will be available on-demand 24/7 for 90 days after registration. Registration closes 30 June.

Webinar #1: “Diesel Vehicle Emissions, Efficiency, and Future Pathways”, by Arvind Thiruvengadam, Ph.D. Research Assistant Professor, Center for Alternative Fuels, Engines & Emissions, West Virginia University.

Webinar #2: “Engineering Your Leadership”, David Bayless, Ph.D., PE, Gerald Loehr Professor of Mechanical Engineering, Director, Robe Leadership Institute, Ohio University.


Webinar #4: “Volkswagen—Engineering Breakdown or System Failure? (Lesson Learned)”, Michael J. Zimmer, J.D., Executive in Residence & Senior Fellow, Russ College of Engineering & Technology, Voinovich School of Leadership & Public Affairs, Ohio University.

[Note: Webinar #4 meets Ohio’s New Ethics & Rules CPD]
**JULY DSPE MEETING—12 JULY 2018**

The July 2018 DSPE Chapter meeting will be on 12 July from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. Ms. Sarah Hippensteel Hall, Ph.D., will discuss Miami Conservancy District issues.

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 their reservations no later than Tuesday, 10 July 2018 with Ed Schlaack by email at SchlaackE@mcohio.org or by phone at (937) 781-2632 (office).

**AUGUST DSPE MEETING—9 AUGUST 2018**

The August 2018 DSPE Chapter meeting will be on 9 August from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. Mr. Zane Michael, CWI/CWE, Yaskawa America, Inc/Motoman Robotics Division, will describe how “State-of-the-Art Robotic Welding Technology Can Solve Your Welder Labor Shortage”. He will present a case study on “Oil Filter Recyclers”.

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, 7 August 2018 with Ed Schlaack by email at SchlaackE@mcohio.org or by phone at (937) 781-2632 (office).

**SEPTEMBER DSPE MEETING—13 SEPTEMBER 2018**

The September 2018 DSPE Chapter meeting will be on 13 September from 12:00 noon to 2:00 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. The August meeting is our annual “Legislative Update”, with our various State Legislators.

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

Those wishing to attend should make your reservations no later than Tuesday, 11 September 2018 with Ed Schlaack by email at SchlaackE@mcohio.org or by phone at (937) 781-2632 (office).
Our Thanks to Alec Carnes, PE, Heapy Engineering

We want to express our sincere thanks to our June Chapter meeting speaker, Mr. Alec Carnes, PE, Heapy Engineering, for his presentation on “5 Steps to Successfully Leverage Combined Heat and Power (CHP)”.

Alec explained that CHP is “The leveraging of multiple utility sources and their cost streams (electricity and natural gas, typically) into a more efficient process of generating power while capturing waste heat.”

Alec went on to recommend common facilities where CHP systems may be appropriate: Industrials facilities; Hospitals and medical centers; Food processing facilities; Laboratories and clean rooms; Colleges and universities; Data centers; and, Sewage treatment facilities.

He presented a methodology to use to size a CHP application, and then described various CHP Equipment Options, including 10KW to 20MW IC engines, 1.5MW to 50 MW fuel cells, 65KW to 1MW microturbines, and 500KW to 300MW industrial gas turbine engines. Alec described two local CHP incentives, one from DP&L and one through AEP Ohio.

Alec concluded his presentation by explaining how one should evaluate a CHP project candidate from their company.

Upcoming Board Meetings

The next DSPE Board meeting will be held on 11 September, starting at 5:15 PM, in the Conference Room of the Dean’s office, Wright State University, School of Engineering and Computer Science. Your input is welcome and desired!

No Board meetings are scheduled for July and August 2018.
Our chapter activities are focused on youth education and scholarships and include 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.

Is there anything you would like to see in the Newsletter? Please let me know: jon.wheeler@yahoo.com.

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