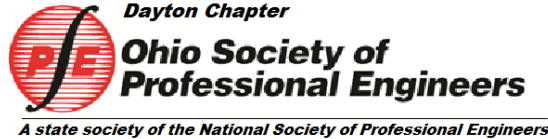


DAYTON SOCIETY OF PROFESSIONAL ENGINEERS

# THE DAYTON ENGINEER

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## THOUGHTS FROM THE CHAPTER OFFICERS' SECTION

Happy New Year 2016! DSPE gears up in earnest this time of year as we prepare for Imagine Engineering and MATHCOUNTS, and continue to provide interesting topics at our monthly luncheons. This month, Mr. Joe Di Misa, Woolpert, Inc., will present 'Wetlands 101 for Engineers' from 12:00 to 1:30 pm on Thursday, 14 January, at the Engineers Club of Dayton. 'Dayton Air Camp Youth STEM Education' will be the 11 February luncheon topic presented by Dr. Vince Russo. On 10 March, Mr. Terry Moses, CEO of Systecon, Inc., will present 'How Modular is Improving Construction'. April, May, and June topics and presenters are already penciled in as speaking slots for 2016 are filling up fast! However, if you, as a member of DSPE, have a topic you want to hear or would like to present, please contact Ed Schlaack, or Jon Wheeler. Please also consider contributing your time this year by visiting a second grade classroom with enthusiasm to display to young minds the vital role our profession plays in everyday life through the Imagine Engineering program. Or consider being a proctor, scorer, or other volunteer, for one Saturday morning, 20 February, as local 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> graders compete at MATHCOUNTS, to be held again this year at the University of Dayton. Many hands on deck make for small work by each and the reward is great as we contribute to the experience and development of tomorrow's Professional Engineers!

## ELI: THE ENGINEER AS LEADER—5-6 FEBRUARY 2016



**ENGINEERS  
FOUNDATION OF OHIO**  
*Advancing Engineering Education in Ohio*

The Engineers Foundation of Ohio (EFO), through the Engineers Leadership Institute (ELI), will conduct the 48th annual The Engineer As Leader professional training workshop in Columbus on 5 and 6 February, 2016. Mr. James Dalton will give engineers the tools to motivate and lead people using case studies, short lectures, small-group discussions, and self-analysis tools. He will also share his own research on engineering values which will be useful in learning how to lead engineering teams. Up to 10.5 CPD hours will be available for full participation in this workshop. Register by calling toll-free 1.800.654.9481 or 614.223.1177. Or you can click on this link to register: <http://events.r20.constantcontact.com/register/event?oeidk=a07ebva5crk73b64597&llr=s8ap4tcab>. Current deadline for registration is 8 January 2016.

## UPCOMING CHAPTER MEETINGS

### JANUARY DSPE MEETING—14 JANUARY 2016



The January 2016 DSPE Chapter meeting will be on 14 January from 12:00 noon to 1:30 PM at the Engineers Club of Dayton. For January's topic Mr. Joe Di Misa, Woolpert Inc., will present, "*Wetlands 101 for Engineers*". Wondering about wetlands? Confused about cattails? Scared about swamps? Misguided about muck? Then this presentation is for you! Come join Joe Di Misa - Woolpert's very own Professional Wetland Scientist - for this informative lunchtime presentation. Learn about what wetlands are, why they are important, and permitting approaches (including ways to streamline the permit process!) A buffet lunch will be served. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees will receive one (1.0) Professional Development Hour (PDH). The Engineer's Club of Dayton is located at 110 East Monument Ave, Dayton, OH. Those wishing to attend should make your reservations no later than Tuesday, 12 January 2016 with Ed Schlaack by email at [SchlaackE@mcoho.org](mailto:SchlaackE@mcoho.org) or by phone at (937) 781-2632 (office) or (937) 885-9633 (home).

### FEBRUARY DSPE MEETING—11 FEBRUARY 2016



The February 2016 DSPE Chapter meeting will be on 11 February from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 114 Monument Ave, Dayton, OH 45402. For February's topic Dr. Vince Russo, CEO Aerospace Technologies Associates, LLC, will discuss the activities associated with the Dayton Air Camp, with emphasis on how it leverages community assets to help inspire middle school students to seek Science, Technology, Engineering, and Math (STEM) careers. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees will receive one (1) CPD for full attendance. A buffet will be served at noon with the presentation to follow. Please send your RSVP no later than Tuesday, 9 January 2016 to Ed Schlaack by email at [SchlaackE@mcoho.org](mailto:SchlaackE@mcoho.org) or by phone at (937) 781-2632 (office) or (937) 885-9633 (home).

### MARCH DSPE MEETING—10 MARCH 2016



The March 2016 DSPE Chapter meeting will be on 10 March from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 114 Monument Ave, Dayton, OH 45402. For March's topic Mr. Terry Moses, CEO, Systecon, Inc., will present "*How Modular is Improving Construction*". Attendees will receive one (1) CPD for full attendance. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. A buffet will be served at noon with the presentation to follow. Please send your RSVP no later than Tuesday, 9 January 2016 to Ed Schlaack by email at [SchlaackE@mcoho.org](mailto:SchlaackE@mcoho.org) or by phone at (937) 781-2632 (office) or (937) 885-9633 (home).

### DSPE BOARD OF DIRECTORS MEETINGS—12 JAN AND 9 FEB 2016

The next DSPE Board meetings will be on 12 January and 9 February 2016 from 5:15 to 6:30 PM at the Wright State University Engineering and Computer Science Dean's office conference room.

## 2016 EFO GOLF OUTING

The 2016 Engineers Foundation of Ohio (EFO) Benefit golf outing will be on Friday, 29 April 2016 at the Safari Golf Club in Powell, Ohio. Proceeds support EFO's mission "to encourage math and engineering education in Ohio," and helps school children, gifted teens, engineering college students, and young engineers entering the profession through Imagine Engineering, MATHCOUNTS, College Scholarships, and the Engineer's Leadership Institute.

The event is a four-person scramble. On-site registration starts at 11:30 AM, lunch starts at 12:00 noon, and the golf event starts at 1:00 PM. Raffle tickets will be available for purchase for chances to win prizes. After the event, there will be refreshments, beer, awards, and prize drawings.

If you wish to pre-register or sponsor the event, please follow this link:

[Register Here \[Click <Control> and Left Mouse Button\]](#)

EFO is a qualified tax-exempt 501(c)(3) nonprofit organization. Your gift is tax deductible to the fullest extent provided by law. No goods or services have been provided in connection with this gift. Please contact your tax advisor for further information.

For more information, please contact Mr. L. Steve Day, PE, Past President and Chairman, Benefit Golf Outing, Engineers Foundation of Ohio, at 614.223.1177 or email [admin@ohioengineer.com](mailto:admin@ohioengineer.com).

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## INTERESTING COMMENTS FROM GREAT BRITAIN'S PRINCE PHILIP

[Taken from BBC.com Radio 4 Programme] 2 January 2016, Great Britain's Prince Philip gave an interview to the BBC's Radio 4, discussing various topics, including global climate change. Just to relay some of his comments, related to engineering as well as some factoids:

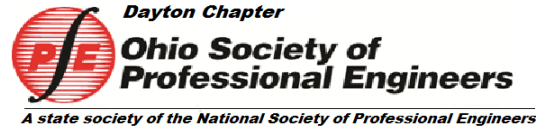
- "Everything that wasn't invented by God was invented by an engineer."
- "Engineering had contributed to the post-war recovery and would help solve future problems."
- "In 1976 Prince Philip initiated the Fellowship of Engineering, now the Royal Academy of Engineering, which promotes excellence and education in the field."
- "But somehow or other that balance to try to fit as many people on to this globe as comfortably as possible without them doing too much damage—I think ultimately it's going to be engineers who are going to decide that."
- Finally, "He said it was 'curious' that there was no Nobel Prize for engineering. He suggested it may be because of a historical divide between scientists and engineers. There was 'a certain amount of jealousy and a certain amount of anxiety' as to who was 'better', he said."

DAYTON CHAPTER—OHIO  
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WE'RE ON THE WEB!  
WWW.DSPE.ORG



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, is a chapter of the OSPE serving the local Dayton Area. DSPE aspires to conduct a monthly chapter luncheon meeting that will serve our membership 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.

## FINANCIAL CONTRIBUTIONS TO HELP MEET CHAPTER MISSION



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.

## ON THE CALENDAR: DSPE, EFO AND OSPE

12 Jan	DSPE Board of Directors Meeting
14 Jan	DSPE Chapter Meeting, Dayton Engineers Club
5-6 Feb	EFO ELI: <i>The Engineer as Leader Workshop</i> , Columbus Airport Marriott
9 Feb	DSPE Board of Directors Meeting
11 Feb	DSPE Chapter Meeting, Dayton Engineers Club
20 Feb	Dayton Area MATHCOUNTS Competition, University of Dayton
21-27 Feb	Engineers Week
8 Mar	DSPE Board of Directors Meeting
10 Mar	DSPE Chapter Meeting, Dayton Engineers Club
12 Mar	Ohio MATHCOUNTS competition, Columbus State Community College
14 Mar	<i>Imagine Engineering</i> Coloring Contest Entries are due to EFO
19 Mar	Certificate Ceremony, Ohio Statehouse in Columbus
2-4 Jun	OSPE Spring CPD Conference, Cleveland Airport Marriott