WSPE eNews

A monthly publication from the Wisconsin Society of Professional Engineers

April 2017 Edition

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**1. WSPE President's Message**
By: Angela Hanz, P.E.

Greetings Everyone,

This is another busy month for WSPE activities! I am looking forward to the upcoming Project Management course which will be held on Wednesday April 19 at the Milwaukee Marriott West in Waukesha, WI. Registration is limited to 60 attendees so please reserve your spot today! The seminar offers 8.0 PDHs. Chris Butler, P.E., the Central Region Director from the NSPE Board of Directors will be presenting a 1.0 PDH session on Engineering Ethics.

The State Board of Directors Meeting will be held after the seminar. Please join us in person or by...
the licensure of engineers. We need YOUR input if WSPE should budget for a Discovery Conference next year and if we can count on your attendance to make it a beneficial event. We will also have a social hour after the meeting to continue discussions. The NSPE is developing different Membership Models which outlines how and what services are delivered to members. This is your organization – be involved so that we can give you the best value for your membership dues that you pay each year!

The 2017-2018 elections ballots are developing for the new term which will start July 2017. We still have a few vacancies to fill on the ballot. Don’t hesitate to be involved – we are all volunteers and understand that everyone can only commit a certain amount of time each month - and we have positions for all experience levels! One of my favorite sayings…. "If not you, then who? If not now, then when?"

Happy Spring!

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2. **Project Management Seminar**

By: Ed Rodden II, WSPE Executive Director

**Project Management Seminar – Wednesday April 19, 2017 (7:30a – 5p)**

The Wisconsin Society of Professional Engineers(WSPE) is putting on a one day project management overview course based on *A Guide to the Project Management Body of Knowledge (PMBOK Guide), fifth edition*. The event will consist of presentation and group activities. It will conclude with a board of directors meeting which all members are invited to attend. The event will occur held at the Marriott in
By attending you will receive 8.0 PDH, one being an engineering ethics and a hard copy of all PowerPoint slides. WSPE Member price is $250.00 per person. ACEC, ASME, ASCE, and IEEE, members have also been invited.

Electronic brochure where you can register via the links in the pdf and reserve your hotel room: http://www.wspe.org/pj_seminar.pdf

3. MSOE Spring Announcements
By: Andreana Moody, Program Manager, MSOE

Earn 7 PDHs! Applied Statistics for Professionals
April 19

Attendees will be provided with an overview of statistical concepts and techniques for analysis using software, with a real-world emphasis. The focus will be on tools that you can take back to your workplace and implement to help solve, analyze and interpret data.

You will learn basic statistical concepts and tools such as:
- Data types
- Measures of central tendency
- Measures of variability
- Graphical methods
- Sampling

http://us2.campaign-archive2.com/?u=a557ce6e4696286636ad5e9ba&id=bc0695e3d3
You will also be introduced to hypothesis testing and an applied approach for decision making.

Details:

**April 19** (8am-4:00pm);  
CEUs: 0.7 | PDHs: 7  
**Price:** $845 members; $895 non members  
Learn more and register here:  

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**Earn 4 PDHs! Practical Application of Materials Science & Metallurgy**  
April 25

Learners will review fundamental structure, processing, and property relationships in Materials Science and Metallurgy. Audience participation will be required as we will take a "hands-on" approach to understanding different materials.

A variety of materials testing approaches will be reviewed to demonstrate how to quantitatively assess material structure and properties. Specific case studies will also be presented to highlight how changes in structure, property and processing relationships can impact the performance of engineered metallurgical components.

As well, we will review case studies that demonstrate the economic impact of choosing or engineering the right material for a product application.

Details:

**April 25** (8am-12:00pm);  
CEUs: 0.4 | PDHs: 4  
**Price:** $575 members; $625 non members  
Learn more and register here:  

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**Earn 8 CEUs! Sigma Black Belt Course**  
May 1-4 and May 22-25

One of the most sought-after business credentials today, the Six Sigma Black Belt certificate helps you ask the right questions and get the right answers. We offer you the discounted price of $3,425 on
Six Sigma is a strategic approach to implementing quality, process and business improvement through the use of statistical and other analytic tools. Our training program is an in-depth examination of these tools as applied to the Define, Measure, Analyze, Improve and Control (DMAIC) methodology; a customer-focused, fact and data-driven methodology that guides continuous improvement and operations excellence.

**Details:**

**May 1-4 and May 22-25** (8am-5:00pm); **must attend both weeks**  
CEUs: 8  
Price: $3,425  
Learn more and register here:  
http://www.msoe.edu/admissions/adult-learner/lean-sigma-black-belt/

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**4. Making Strides Against Breast Cancer Event**

By: Erin Killeen, MSABC Outbound Team Leader

This year’s Making Strides of Milwaukee will be on **Saturday, May 06, 2017**.

Making Strides Against Breast Cancer is the largest network of breast cancer awareness events in the nation, uniting more than 300 communities to Make Strides Against Breast Cancer. Last year nearly 1.2 million Making Strides walkers nationwide turned awareness into action and helped to raise more than $60 million to help the society save more lives from breast cancer.

We would love for you to join us at our upcoming event. To receive your team leader kit call Erin Killeen at (866) 227-9474.

The progress made is remarkable, but we need your help. **Watch a short video** to learn more about Making Strides Against Breast Cancer, and **visit our event website** to sign up today!

Thank You!

Order your t-shirt for the walk **right here**.

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**5. Southwest Chapter News**

By: John Brome, P.E., President of SW Chapter WSPE

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As you all know, the regional and State Mathcounts events for 2017 are now behind us as well as the SW Chapter annual scholarship award and dinner, held during e-week.

Until 3 or 4 years ago, I had never heard of the Mathcounts program. But this year, I coordinated the Madison regional Mathcounts event and quickly discovered how much work it can be. The kids really showed their appreciation for all of the volunteered effort by showing their love of the competition, awards and raffle. And our scholarship award winner, Grace Pryzbył, was also very appreciative.

In my view, what really makes Mathcounts, the annual scholarship award and indeed even WSPE membership worthwhile is not just seeing the appreciation that these kids show for all of our efforts nor is it the personal gain professional engineers receive through membership. Rather, it’s in knowing that through programs like these, the engineering future of our country is being nurtured and growing by getting our youth interested in math and science at an early age.

This is a great legacy for us as professional engineers and as an engineering community. My sincere “THANKYOU!” to all who help make these programs reality!

6. Don't Forget to Vote!
By: Ed Rodden II, WSPE Executive Director

Take a minute to vote for your 2017 - 2018 WSPE Officers (Executive Committee)
Administrative Year: July 1, 2017 – June 30, 2018

Learn full details about all open office positions and cast your votes in this document. You may check a box or write in a nominee or new nominee of your choice for a position listed.
Alternatively, you can take via this link: https://www.surveymonkey.com/r/F9NLLKP

For even more information about our office positions and who currently holds their titles, visit our Executive Committee site page.

Return completed ballot by April 11, 2017 via regular mail or pdf form via email to brandon.ebent@foth.com
7. Other Important Information

ARE YOU ACTIVE ON TWITTER?

If so, we encourage you to follow our new Twitter account @WISPE_Comm for information about WSPE and our upcoming events & conferences!

FREE 6-Month Trial Membership!

Interested in WSPE but not sure if you want to join? Try a 6-month FREE trial membership, courtesy of WSPE.

Click here: www.wspe.org/WI%206%20months%20Free%20Membership%20Application.pdf to download an application. Contact Ed Rodden, WSPE Executive Director, at ExecDir@wspe.org for details.

We Need Your News!

Is your chapter hosting an event? Did your chapter get some new members? Have you started your own business? Is your company taking on a really challenging project? If you said "yes" to any one of these questions, or would like to share anything even remotely newsworthy with the rest of WSPE, let us know! We'd also like to include an article in the next eNews summarizing any recent changes or accomplishments to inform your fellow WSPE members. Please contact Jordan...
**WSPE Mission Statement**

WSPE is an organization of licensed Professional Engineers (PEs) and Engineering Interns/Engineers in Training (EIs/EITs). WSPE enhances the image of its members and their ability to ethically and professionally practice engineering through education, licensure advocacy, leadership training, multi-disciplinary networking, and outreach.

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