



## WSPE eNews

A monthly publication from the Wisconsin Society of Professional Engineers

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#### 1. President's Message

By Pam Mazur, PE, *Fox River Valley Chapter*

Greetings Everyone,

As promised here is the information on the fall Board of Directors meeting – it will be on Tuesday, October 14, from 11:00am-1:00pm, at Northeast Wisconsin Technical College in Green Bay. Please let Ed Rodden know if you are planning to attend.



*Pam Mazur, PE  
WSPE President, 2014 – 2015*

Some interesting comments were made by Mark Golden, NSPE Executive Director, in his September 16 report to the NSPE Board of Directors. In the area of advocacy he mentions future workforce development and the need to provide awareness of engineering career opportunities, encouragement and preparation to young people. I see this as an area where WSPE can have an impact.

Our efforts with MATHCOUNTS is a prime example. Thank you to everyone who helps make that competition happen for our young people. Don't forget all of us should take the opportunity when it presents itself to talk to, mentor or advocate to young people the myriad opportunities in the field of engineering. A couple of "new" ventures for our organization coming soon – first of all the Governor's New Product Award has been revived and officially kicks off on October 1st, and secondly we are going to move forward with adopting Voter Voice, which will allow us to track bills that are pending in our state legislature. More on these initiatives on the website!

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#### 2. Looking to earn PDHs? Look no further!

By Brittney Lynn, Graduate and Professional Education at MSOE

##### Looking to earn PDHs? Look no further!

MSOE offers several different professional education courses that qualify for PDH completion.

1. [LinkedIn for Professionals](#) (4 PDHs) – October 8th, 8am-noon, Located on MSOE's downtown campus
1. [Conducting Business with Indian Engineering Culture](#) (8 PDHs) – October 16th, 8am-5pm, Located on MSOE's downtown campus
1. [Conflict Management](#) (4 PDHs) – November 7th, 1-5pm, Located on MSOE's downtown campus
1. [Make Better Decisions with Systems Thinking](#) (8 PDHs) – November 11th,

[View all of our professional education courses](#)

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### 3. Registration for WSPE's Governors New Product Award (GNPA) Entries is Now Open

By Dale R. Swenson, P.E., *Metro Chapter Member*

Registration is now open and you have the option to register on line here: <http://www.wspe.org/gnpa.shtml>. In addition, Premier, Ambassador and Platinum level Corporate Sponsorships are available. If you cannot enter or participate in WSPE's GNPA competition, please consider Corporate Sponsorship: <http://www.wspe.org/2014GNPAForm02.php>.

As WSPE members, please spread the word about this prestigious statewide competition and Corporate Sponsorship.

The deadline for GNPA entries is February 16, 2015. WSPE's GNPA banquet and awards ceremony will be held during WSPE's Discovery Conference (DC) in Green Bay, May 2015.

WSPE's GNPA competition eligibility: Any new product, machine, process or material that has been developed in Wisconsin may be entered provided that it was first placed on the market between 2009 & 2013.

Please contact myself or Ed Rodden with questions or interest.

Dale R. Swenson, P.E., WSPE GNPA Chair [gnpa@wspe.org](mailto:gnpa@wspe.org) (262) 366-5686

Ed Rodden II, E.I.T., WSPE Executive Director [ExecDir@wspe.org](mailto:ExecDir@wspe.org) (414) 531-1129

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### 4. Voter Voice Legislative Action Center

By Ed Rodden II, *WSPE Executive Director*

WSPE is proud to introduce our **Voter Voice Legislative Action Center**.

We are in collaboration with NSPE and are utilizing a portal available through them:

<http://www.nspe.org/resources/issues-and-advocacy/take-action/voter-voice-legislative-action-center>

We will also provide a link to this area on our Continuing Professional Competency webpage <http://www.wspe.org/cpc.shtml> under the "Legislative" heading.

This mechanism will allow you, the WSPE members, to monitor certain bills, view current active advocacy campaigns, locate your legislator, and contact them either House or Senate. It provides the most convenient, and organization approach to communication with your legislators. By developing a profile, as a new user (from NSPE link above) you can be ready to act and view legislation affecting Wisconsin, National, and other state professional organizations. WSPE will create advocacy campaigns where members can read a particular bill. Within these bills you will know where it is in the legislature, who sponsors it, and the history since introduction. These campaigns will be made visible and administered by Executive Director Ed Rodden II, through discussion with VP-Government Affairs Glen Schwalbach, and President Pam Mazur. These campaigns will influence the Professional Engineer license or affect Engineer activities within Wisconsin.

**Word of Caution:** *Please keep your membership active, if you are delinquent or your membership expires, you will lose access to this site.*

When action is needed, we will eBlast a notification asking you to respond if a piece of legislation is introduced, changed or become a larger concern to you, as a member and a Professional Engineer. You can communicate to your legislators through this portal by exchanging emails, direct mails, phone calls or faxes with the push of a button. WSPE will put the text together so all you will need to do is hit send to follow the society's stance.

If you have a piece of legislation which you would like us to consider or have concerns with, please contact our VP-Government Affairs, Glen Schwalbach at [glenschwalbach@netzero.net](mailto:glenschwalbach@netzero.net) (920) 680-2436 or our Executive Director, Ed Rodden II at [execdir@wspe.org](mailto:execdir@wspe.org) (414)531-1129.

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## 5. Is an Engineer Smarter Than a Mathlete? Here's a Test!

By Norm Arendt, CHS III, CMAS, PhD, CFEII

Mathcounts is once again upon us. The chapters are in the fundraising mode with the competition in February 2015 right around the corner. To date, we have 24 schools registered statewide in the Competition Program and 29 schools registered in the Club Program. Hopefully by the time the end of the year rolls around we will see over 100 in each program but that means that we all need to assist the chapters with the "get out to compete" message. The coordinators have remained the same and that is good for continuity of the program. Several of the coordinators have 30+ years of volunteering in the program and others have volunteered for over 20 years. That is quite a commitment to the program.

For you others not so familiar with how Mathcounts works, here are a few problems for you to solve: Allow yourself no longer than 2 minutes per problem - the same amount of time a Mathlete has during the competition.

1. In the country of Wonderland, 20% of all cats believe they are dogs and 25% of all dogs believe they are cats. The rest know what they are. Dr. Alice, an animal psychologist, decided one day to examine all cats and dogs in Wonderland. She found that 30% of those examined believed they were cats. What is the proportion of dogs that Dr. Alice examined?

2. A natural number  $n$  bigger than 10 is called a "super-square" if any number formed by two consecutive digits in  $n$  without changing their order is always a perfect square. For example, 8164 is a super-square since the numbers 81, 16, and 64 are perfect squares. Other examples of super-squares are 25 and 649. How many super-squares are there?

3. I purchase an item for \$4.69 and give the clerk a \$5 bill, how many ways can the clerk make change using pennies, nickels, dimes and quarters?

To obtain the answers, you will need to email me directly ([njarendt@tds.net](mailto:njarendt@tds.net)).

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## 6. Thank You WSPE Supporters!

### Gold Level



### Bronze Level





Are you interested in having your company support Wisconsin Society of Professional Engineers? Review our webpage dedicated to this initiative <http://www.wspe.org/sponsors.shtml>

Contact Ed at [execdir@wspe.org](mailto:execdir@wspe.org) (414) 531-1129 to understand this program further.

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### **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.

Go to [www.wspe.org/WI%20%20months%20Free%20Membership%20Application.pdf](http://www.wspe.org/WI%20%20months%20Free%20Membership%20Application.pdf) to download an application.

Contact Ed Rodden, WSPE Executive Director, at [ExecDir@wspe.org](mailto:ExecDir@wspe.org) for details.

### **We Need Your News!**

- 1 Is your chapter hosting an event?
- 1 Did your chapter get some new members?
- 1 Have you started your own business?
- 1 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, please contact Ed Rodden, WSPE Executive Director, at [ExecDir@wspe.org](mailto:ExecDir@wspe.org).

We look forward to including your news in our monthly updates!



Join the discussion at [WSPE's LinkedIn Group](#) or



["Like" us on Facebook.](#)



[Follow us on Twitter.](#)

### **We Need Your Email Address!**

If you are reading a paper copy of the WSPE eNews, you're missing out! Send your email address to Ed Rodden, WSPE Executive Director, at [ExecDir@wspe.org](mailto:ExecDir@wspe.org) or call him at (414) 531-1129 to receive electronic eNews.

### **Advertisers Wanted**

Help us offset the costs of producing this eNews by placing an advertisement here! If you are interested in advertising your company here, please contact Ed Rodden, WSPE Executive Director, at [ExecDir@wspe.org](mailto:ExecDir@wspe.org) or [\(414\) 531-1129](tel:4145311129).

Thanks for your help.

### **Update Your Information with WSPE**

Did you...

- ...get a new job?
- ...get promoted?
- ...get a new phone number or email address?
- ...get your PE license?

You can update your information yourself on the NSPE website!  
[Click this link to update your membership information.](#)

Alternatively, you can send your new information to Ed Rodden, WSPE Executive Director, at [ExecDir@wspe.org](mailto:ExecDir@wspe.org) or call him at (414) 531-1129 and he'll make sure your information is updated in both the WSPE and NSPE databases. We'd also like to include an article in the next eNews summarizing your recent change or accomplishment to inform your fellow WSPE members.

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## **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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