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WSPE eNews

A monthly publication from the Wisconsin Society of Professional Engineers

February 2014 Edition

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1. Welcome New WSPE Members!

By Zack Damuth

Please join us in welcoming our new WSPE members!

Fox River Valley Chapter (WI01)

Bill Kime, PE Licensed One More Turn LLC
Michael Warntjes Licensed
Tom Kirchhoff Licensed

Metro Chapter (WI10)

Doug Gennrich, PE Licensed ATI Ladish Forging
Roger Shaver Licensed We Energies
Eric Schlevensky, PE Licensed Boyle Fredrickson SC
Jay Goldberg, PE, PhD Licensed Marquette University

Northwest Chapter (WI06)

Justin Musser Licensed APEX Engineering, Inc.
Cody Overgard Student
Teresa Anderson Licensed MSA Professional Services

Southeast Chapter (WI08)

Janine Grauvogl-Graham Licensed
John Steinbrink, Jr. Licensed Village of Pleasant Prairie
Jennifer Donze Licensed One Source Consulting
Bill Kralj Licensed
Adam Hammen Licensed The Sigma Group, Inc.

Southwest Chapter (WI09)

David Drake Licensed Thermo Fisher Scientific
Roy Lassen, PE Licensed Lassen Associates, Inc.
Robert Seidl, EIT Member The Morse Group
David Flanagan, PE Licensed Dane County Courthouse
John Brome Licensed JGB Technologies, LLC
John McDonald Licensed Westbrook Associated Engineers, Inc.
Robert Finlayson Licensed ICS
Mike Slavish Licensed Hovde Properties

Wisconsin Valley Chapter (WI12)

Lisa Zahrt, PE, LEED AP Licensed Clark Dietz Inc.
Paul Zouski, PE Licensed Clark Dietz Inc.

State HQ - At Large (WI50)

H. K. Wiesner, Jr., PE Licensed
Cynthia Lord Licensed Alliant Energy

WSPE thanks you for your support!

Interested in becoming a member?

Check out the member benefits at the following links:

<http://www.wspe.org/joinwspe.shtml>

<http://www.nspe.org/Membership/index.html>

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2. FREE Continuing Education Opportunity: Spread Footing Optimization

Submitted by Hunzinger Construction Company

Spread Footing Optimization by Pressuremeter Testing

a PE/AIA Continuing Education opportunity
presented by Wagner Komurka Geotechnical Group, Inc.

Date: Wed, Feb 5

Time: 12:00pm to 1:00pm (bring your lunch!)

Location: Hunzinger Construction Company, Brookfield, WI

Price: FREE!

Register here:

<http://www.eventbrite.com/e/hunzinger-construction-university-presents-professional-engineersarchitects-continuing-education-tickets-5721577392>

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3. Engineers Week Open House at NWTC - Feb. 20

By Pam Mazur

In celebration of National Engineers Week, Northeast Wisconsin Technical College is hosting an **Engineers Week Open House** on Thursday, Feb 20, from 5:00-7:00pm. Everyone is invited to stop by and help us showcase engineering related careers to young people and their parents.

Click below to download the flyer with more details about this event:

http://wspe.org/enews/2014/2014_EngineersWeekOpenHouse.pdf

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4. MSOE PEAK Mini-Conference (CE Opportunity!)

By Brittney Lynn, Continuing Studies and Outreach at MSOE

Registration is now open for MSOE's next [PEAK Mini-Conference](#) on Saturday, March 8th.

Professional Engineers can earn the professional development hours (PDHs) now required for maintaining licensure in Wisconsin by attending a PEAK Mini-Conference. This event is a collaborative knowledge exchange among engineering and technical professionals facilitated by MSOE, with the goal of providing a cost-effective way for engineers and technical professionals to learn about new topics.

One PDH is awarded for each one hour of session completion, which means participants can earn up to 8 hours for attending the PEAK Mini-Conference.

Featured sessions include:

- * Ethics in Engineering
- * Intellectual Property Protection
- * Safety & Product Liability
- * Managing the New Product Development Process
- * Project Management for Engineers
- * Pressure Control Valves
- * Positive Displacement Pumps
- * Adding Value Using Additive Manufacturing
- * Design for Direct Digital Manufacturing (lab)
- * 3-D Scanning (lab)
- * Overview of Industrial Water Quality Measurement Techniques
- * ...and more!

[View session schedule and register here](#)

Location:

MSOE campus, Rosenberg Hall, 1235 N Milwaukee, Milwaukee WI 53202

Date: Saturday, March 8, 8 a.m. - 5 p.m.

Our Price:

\$295 until February 24 (price increases to \$395 after February 24)

Questions? Contact Brittney Lynn at lynn@msoe.edu / [\(414\) 277-2345](tel:(414)277-2345)

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5. 2014 Discovery Conference - Save the Date

By Ed Rodden II

*Where: Kalahari Resort & Conference Center
Wisconsin Dells*

*When: Thursday, **May 29** & Friday, **May 30**, 2014*

*Members Welcome: the evening of Wednesday, May 28
(after Board of Directors Meeting at the Kalahari)*

WSPE proudly announced its 2014 Discovery Conference, with "early-bird" registration beginning in early March. You can register and pay for the conference online via credit card, PayPay, or with a check in the mail. Walk-ins are also welcome.

The cost is \$175 for members, \$190 for non-members; and \$75 for students.

Attending this conference can help you earn 13.0 Professional Development Hours (PDHs), including the 11 "Live/Interactive" PDH requirement. You can also earn the 2 required Ethics PDHs by attending these sessions.

The conference will consist of 2 general sessions and 3 breakout sessions each day. 26 different presentations in all will cover topics relevant to all engineering professionals. Confirmed presentation topics include:

- 1 I-35W Bridge Failure (by structure & environmental experts)
- 1 I-43 Leo Frigo Bridge
- 1 Ethical Theory
- 1 Universal Design: Adapting for the Future
- 1 Lower Fox River Remediation (Received International Bentley Award in London)
- 1 Reduce Liabilities by Creating Better Specifications
- 1 Dowel Technology in Exterior Pavements
- 1 Biomethane as a Transportation Fuel,
- 1 Planning Design & Construction: UW-Milwaukee Innovation Campus
- 1 Contract Review/Risk Management
- 1 2 ethics presentations by NSPE officers.
- 1 ...and many more

In the middle of these breakout sessions, we will be offering a catered lunch and an awards ceremony.

After each session you attend, you will receive a DSPE-Approved PDH Validation Form. This form will be signed by an executive officer and yourself. Keep this form in your professional file for proof of Continuing Education credit.

Additional details will follow in future issues of the eNews.

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6. President's Message

By Frederick W. Groth, P.E., S.E.

What a cold, cold winter! I haven't seen -15-degree temperatures like this for about 20 years. I hope you are all finding ways to stay warm. I'm sure that not long after springtime, we'll be complaining about the hot weather, but something in between would be nice, right?



*Fred Groth, P.E., S.E.
WSPE President, 2013 –
2014*

Well, by the time you read this, football season will be over. Although the Packers got knocked out in a heartbreaking loss to the Niners, we need to look on the bright side: we had two former Badgers, Russell Wilson (Seahawks) and Montee Ball (Broncos) playing in the Super Bowl. Rest assured, a Wisconsin alum helped hoist the Lombardi trophy!

We're over half way through the fiscal year and my term as WSPE President. Let's look back at the 2013-2014 Goals and Objectives discussed at the 2013 Discovery Conference to see if we are really accomplishing our goals:

1. Visit our local Chapters:

We are behind on this. I split these duties between my President-elect and myself. Besides inviting the Metro chapter and other chapters representatives to our board meeting in September 2013, we have not met with each chapter individually. I still intend to make this happen. We do need to understand what the chapter needs are, as WSPE is here to serve the chapters, not itself.

2. 2014 WSPE Discovery Conference:

Thanks to Ed Rodden, our Executive Director who is heading this committee, we have a great program in place and are finalizing our speakers. You can earn over 15 PDH's by attending. We have some great speakers and topics so we hope we will get a great turnout. More about this year's Discovery Conference in this newsletter.

3. MATHCOUNTS:

Refer to the MATHCOUNTS article later in this newsletter.

4. Increase membership especially younger members:

Our membership has actually increased by 8 to 10%, so we are definitely meeting this goal. We still have to work on increasing our younger members, though. I hope with our continuing education initiative plan outlined in the January eNews we will get firms and younger members to see the value of joining WSPE.

5. Member Participation on committees and officer roles:

We have filled all empty officer roles. We have met to talk about succession planning for selecting new officers. We still have several committees that need more member participation, i.e., the Legislative cabinet, interest group committees (mainly Construction, Education, Government, Industry, Private Practice, and Young Engineers). We are presently reviewing what committees are active and which ones we should be focusing on.

6. New Executive Director:

Ed Rodden has agreed to stay on through at least this year but may be looking to step down. We are actively looking for how we will move forward with filling this position. Ed Rodden has done a great job as Executive Director and has been very instrumental in rebuilding WSPE. For this, I and others at WSPE are very grateful for all the work and leadership he has given WSPE.

In summary, I feel we have done a great job towards meeting our goals. Yes, we still have much work to be done. But first I really do want to thank all the people that have made this possible: they have put in countless hours to make this happen. These people include our executive committee members (see listing of committee members on our website), our executive director (Ed Rodden) and many others for all the work and time they have spent in helping us meet these goals. Again, **we all need to become more active in WSPE so that we can become and remain your valued organization.**

One more item before I end: WSPE has been and will continue to monitor key legislature and budget bills being sponsored that will affect the engineering profession. As these bills move through the legislature this spring, WSPE will be proactive in reviewing and providing engineering input. If you are interested in being a member of our WSPE legislative cabinet, please call me at (608) 335-2978 or email me at fred.groth@graef-usa.com.

Please help by getting involved in WSPE so we can become your valued organization again. If you have questions about how to get involved, please email me at fred.groth@graef-usa.com or give me a call at (608) 335-2978. You can also email our WSPE Executive Director, Ed Rodden, at

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7. MATHCOUNTS Update

In advance of Engineering Week (Feb. 16 - Feb 22, 2014) WSPE and our seven chapters are looking forward to our upcoming regional and state MATHCOUNTS competitions.

These competitions require extensive coordination and collaboration among WSPE, chapters, participating schools, sponsors, directors, coordinators and volunteers.

Without any of these MATHCOUNTS would not be possible!

To help prepare for another successful year, we are calling for volunteers! Duties may include graders, speakers, and proctors.

If you or someone you know would like to volunteer, please contact the coordinators listed below. Refer to the following link to see which chapter you are in: <http://www.wspe.org/chapters.shtml>

Remember: we are serving and preparing our Mathletes to become part of a greater good. As they continue to prosper and grow, we hope they come back to volunteer with us.

Regional Competitions:

Fox River Valley
February 1, 2014
Coordinator: Todd Kinney, PE
tkinney@charter.net
920-452-7973
Acuity
Sheboygan, WI 53081

Metro West
February 1, 2014
Coordinator: Kerry Hardin, PE
kerry.hardin@gmail.com
(262) 617-0362
Waukesha North High School
2222 Michigan Avenue
Waukesha, WI 53188

Southeast
February 8, 2014
Coordinator: Darwin Behlke, PE
Behlke.Darwin@twindisc.com
(262) 554-0640 Ext 3711
UW-Parkside 105 Moln
900 Wood Rd.
Kenosha, WI 53144

Western
February 7, 2014
Coordinator: Kevin Fry, PE
kevin.fry@elmwoodpartners.com
(608) 781-4777
UW-Lac Crosse
Cartwright Center, Rm 337
Campbell Rd and State St
La Crosse, WI 54601

Metro East
February 15, 2014
Coordinator: Kevin Keast, PE
kevin.keast@daarcorp.com
(262) 548-5675
Glen Hills Middle School
2600 West Mill Road
Glendale, WI 53209

Northwest
February 6, 2014
Coordinator: Brad Volker, PE
bvolker@cooperengineering.net
(715) 234-7008
Delong Middle School
2000 Vine Street
Eau Claire, WI 54703

Southwest
February 1, 2014
Coordinator: Norm Arendt, CHS III,
CMAS, PhD, CFEII
njarendt@tds.net
(608) 345-1412
Lowell Center
Langdon Street
Madison, WI

Wisconsin Valley
February 1, 2014
Coordinator: Archie Becher, PE
abecher@becherhoppe.com
(715) 845-8000
UW-Marathon
518 S 7 Avenue
Wausau, WI 54401

State Competition

March 1, 2014
Coordinator: Norm Arendt
njarendt@tds.net
(608) 345-1412
Lowell Center
Langdon Street
Madison, WI

For additional information about MATHCOUNT regional and state competitions refer to: http://mathcounts.org/programs/competition-series/dates-locations?field_volunteer_state_value=All&page=26

If you are interested in participating in Engineers Week, we can provide you with information packets. To get involved or find out more about other activities, please contact Ed Rodden II at execdir@wspe.org (414) 531-1129.

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8. WSPE Supporting Organization Program

We have now begun reintroducing our Supporting Organization Program. For the past several years, this program has been missing from our income stream.

The Supporting Organization Program is the bloodline of WSPE. It allows us to fund programs like MATHCOUNTS, the Membership Directory, the Governor's New Product Award (GNPA), the Discovery Conference, The Board of Engineers Professional Responsibility, and legislature efforts.

There are many other benefits to this program. Refer to our Supporting Organization page to find out more. <http://www.wspe.org/sponsors.shtml> Members are asked to consider each of the Sponsorship Levels and read the details listed below to better understand what dollar amounts are used to fund the programs from above.

Here is a handy pdf of a brochure explaining the different sponsorship levels: http://www.wspe.org/WSPE_SponsorshipBro2012.pdf;

Enrollment is all online, now, although you can still mail a check to us for payment. This program will be treated as an annual renewal, one fiscal year (July 1 through June 30).

All MATHCOUNTS and EFW contributions are 100% tax-deductible.

Contact our Executive Director to discuss this program further. execdir@wspe.org or (414) 531-1129

Thank you for your support!!

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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%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!

- 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 send your articles to Clayton Grow, WSPE eNews Editor, clayton@thewritingengineer.com.

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



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



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

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 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! There is a nominal fee of \$25 per issue per article/advertisement. If you are interested in advertising your company here, please contact Ed Rodden, WSPE Executive Director, at ExecDir@wspe.org or (414) 531-1129.

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 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.