



VALLEY FORGE CHAPTER
PENNSYLVANIA SOCIETY OF PROFESSIONAL ENGINEERS
P.O. BOX 585 WORCESTER, PA 19490-0585

THE COMPASS

Volume 46, Number 1 – September/October 2011
(Read the COMPASS on-line at www.pspe.org/valleyforge)

PRESIDENT'S MESSAGE

By: Chad E. Camburn, P.E., VFC President

Here we are – off to a new year in the PSPE calendar! On behalf of our Board of Directors I hope you all had a wonderful summer. Though our Board has officially been on its summer “break” since you last received an update in the Compass, you will see through the included articles that we have remained aggressive in our pursuit to always improve our association. On May 24th we held our annual Student Recognition Dinner to honor the winners of the Mathcounts competition and Drexel and Temple scholarships. On August 24th our Board held its Summer Planning Meeting to review key topics and plan for another successful year. On September 21st we held our annual golf tournament, which coincided with this year’s state conference and banquet in King of Prussia. And on October 18th we are kicking off our 2011-12 membership meetings with a tour of The King of Prussia Recyclery.



Chad E. Camburn, P.E.

Our goals for this year remain Member-driven: increase Membership; inform and educate our Members; and help our Members achieve your goals, whether it be networking, obtaining PDHs, staying up-to-date with current topics, or simply breaking up the monotony of your work/home schedule. If you share these goals, you will find that the easiest way to accomplish most or all of them at once is by attending our monthly membership meetings and events. Our Board works very hard to prepare meetings that are easily accessible, no or low cost, interesting and informative, and meet the ever-important PDH criteria. We are always looking for interesting ideas on meeting topics, so please contact any of our board members if you have an idea on a topic. Please join us as we look forward to another successful year of achieving our goals together.

OCTOBER MEMBERSHIP EVENT

October 18, 2011 (Tuesday)
6:00 PM

Tour of The King of Prussia Recyclery
See information included in the Compass

* Join us at the Rock Bottom in the King of Prussia Mall after the tour *

Visit the VFC PSPE website (www.pspe.org/valleyforge) often for updates on upcoming events.

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

2011 PSPE CONFERENCE REPORT

By: Bruce Rhoades, P.E. – President-Elect

The 77th annual conference of the Pennsylvania Society of Professional Engineers was held on September 22-24, 2011 in Valley Forge, PA. This well attended event featured 32 seminars delivered on a variety of subjects. Whether seeking to deepen knowledge in a specific discipline such as watertight concrete, learning of the latest developments in material technologies, or getting the inside scoop on the brilliant work that resulted in the rescue of 32 Chilean Miners in 2010, there was something for everyone.

This was the first statewide conference held since continuing education requirements for Professional Engineers became a requirement for licensing. Since this conference afforded an opportunity to obtain 12 PDHs over the two days, many took advantage of this conference to meet new the state-mandated requirements. Many engineers chose to satisfy PDH requirements through on-line courses or in-house seminars arranged by some of the larger engineering firms. I believe that even for those who chose to obtain their PDHs through other venues, the conference had much to offer, including:

1. The opportunity to meet leaders who played pivotal roles in truly amazing engineering projects that were also news-worthy events. The presentation by Frank Gabrie, P.E., highlighting the involvement Schamm Inc, which supplied drilling technology and expertise that was crucial in the 2010 rescue of the Chilean miners, was such an example.
2. The opportunity to network with other engineers that work in similar areas of expertise, yet in different markets provided an opportunity to improve individual's and organization's knowledge base.
3. The opportunity to interact with suppliers and possibly customers was an obvious way to help organizations be more successful. Several vendors provided exhibits and several more vendors were featured in the technical presentations.
4. Several presentations featured interactive discussions on ethics, engineering practice and law. The body of knowledge that was shared through the interactive discussions was larger than that which could be provided from the experience of the speaker alone. This knowledge was valuable and not easily obtained in more narrowly focused venues such as in-house seminars and on-line courses.
5. Sharing with other engineers between sessions and at meals provided learning opportunities that are not available from on-line courses.

Several members of the Valley Forge Chapter found this year's conference was an enriching and rewarding experience. It is my desire that you consider incorporating future conferences into your professional development plan.



2011 VALLEY FORGE CHAPTER GOLF OUTING

By: Mike Fischer, P.E. – Treasurer

On Wednesday, September 21st, the Valley Forge Chapter hosted its 3rd Annual Golf Outing at Turtle Creek Golf Course in Limerick, PA. The event helped kicked off the PSPE State Conference being held at the Dolce Hotel in King of Prussia. We were fortunate to have great weather, and the staff at Turtle Creek was very accommodating. When the scores were tallied, the TPD/Minner foursome of Tony Dougherty (VFC Director), Nate Zipay (VFC Director), Tuan Duong (Reading Chapter President) and Bryan Minner (loyal VFC sponsor) used the perfect mix of engineering and accounting acumen to “scramble” their way to an outing record 11 under par, dethroning reigning champion Jim Thompson and his crew. Their only blemish on the day came on the par 3-9th when they were distracted by the unique design of the cart paths and all missed the green, eventually leading to bogey.

The post-golf reception allowed everyone to relive the round while enjoying a nice meal and a cold drink. Prizes were awarded to the winning foursome as well as our hole contest winners. The TPD guys cleaned up again as Nate Zipay took home the long-drive title for the second straight year with a 307 yard blast on the par 5-13th and Tony Dougherty claimed the closest-to-the-pin prize by sticking a 9-iron to within 7’ of the cup. A number of additional prizes were raffled off to round out the day.

Congratulations to all our winners and thanks to all who played and/or donated to the cause. The proceeds from the golf outing will assist in the Chapter’s efforts with our Scholarship and Mathcounts programs. We look forward to another successful golf outing in 2012 and hope to attract more golfers with each successive year.

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SUMMARY OF SUMMER PLANNING MEETING

By: Chad E. Camburn, P.E. – President

At the Summer Planning Meeting on August 24th our Board established primary and alternate Committee contacts. The contact list is included in the Compass – please feel free to contact any one of us if you are interested in helping with a committee. Our Board also discussed following up with past recipients of the Drexel and Temple scholarships. We are interested in receiving feedback on both the scholarship application process and the current status of past recipients. Also discussed was the importance of our Board to maintain liability insurance. Insurance has recently become a focal point for local chapters and PSPE and the premium cost will result in a minor dues increase of five dollars. Finally, our Board reviewed ideas for upcoming membership meetings. Suggestions for topics include: VVF Ground Infiltration Wells, Turnpike Projects, Cayuga Pipe Tour (Valley Forge/Bucks), PennDOT (Route 202), Helicopters-Boeing, Lockheed Martin, Perkiomen Watershed Conservancy, U.S. electric power grid update, Wastewater “Class A” Biosolids Drying and Distribution, 4G Wireless and Dutchland.

TOP REASONS TO BE ACTIVE IN THE PSPE

By: PSPE Valley Forge Chapter Directors

The Valley Forge Chapter Directors were asked for the top reasons why they not only became active in the society, but why they have continued to remain active. “Active” doesn’t have to mean signing up for committees or sitting on the Board, it also includes simply attending meetings and events. Hoping for a few “top” reasons, we were happily overwhelmed as the responses poured in.

Following are the “top” reasons to be active in the society:

1. “the social aspect. The meetings have an interesting group of people that are great to talk to.”
2. “I enjoy hanging out with all of the people involved with our chapter and I enjoy the things we do together.”
3. “give back to the engineering community by making sure that we have future engineers in the pipeline. That’s why I volunteer for Mathcounts and Science Fair. I also support the Scholarship fundraising efforts.”
4. ”network with other engineers from all the different disciplines.”
5. “keep current with continuing education requirements.”
6. “be involved with the protection/direction of engineering licensure.”
7. “interact on a social and/or professional level with other professional engineers.”
8. “stay up to date on the latest news concerning licensure law and CE requirements.”
9. “PDH opportunities.”
10. “extracurricular activity outside the workplace.”
11. “NSPE/PSPE is the only engineering organization that represents all engineering disciplines, and also focuses on legal and ethical issues.”
12. “with a membership comprised of all disciplines, a wider variety of programs is available than in my specific practice society.”
13. “NSPE/PSPE is focused on protecting the integrity of the engineering profession at large, and promoting it to the general public.”
14. “the meetings provide a break from the work-home monotony in a social setting that typically includes food, drinks, socializing, and PDHs.”
15. “the meetings are a local and cost-effective way to obtain PDHs.”
16. “the opportunity to network with other engineers that work in similar areas of expertise, yet in different markets provides an opportunity to improve my knowledge base.”
17. “to have better visibility to the current market and regulatory environment faced by practicing professional engineers.”
18. I “enjoy the camaraderie of other professionals in engineering.”
19. “network with engineers with various disciplines.”
20. “connect to the engineering community.”
21. “mentor young engineers with my experience.”
22. “support the MATHCOUNTS program.”
23. “search for employment.”
24. “I have been a PE for over 40 years and a member of PSPE for almost that long. Early in my working career I was unable to participate in many activities but more recently I have become more active. I find it a great way to learn about many things, including specialties besides my own, as well as to share experiences with other engineers who normally I would not see. It is a great organization and as I look back wish that I had made time earlier in my career to be more active.”
25. “the opportunity to assist young engineering students to obtain significant scholarships.”

2011-12 CHAPTER OFFICERS and BOARD OF DIRECTORS

President	Chad Camburn, P.E.	610-323-4040	camburn@bursich.com
President-Elect	Bruce Rhoades, P.E	484-529-8360	brucerhoadespe@comcast.net
Vice President	Randy Cleaver, P.E.		cobbletwo@comcast.net
Treasurer	Mike Fischer, P.E.	215-205-2130	michaelfischer@comcast.net
Secretary	Lindsay Musselman, E.I.T.	215-652-6649	lindsay_musselman@merck.com
State Director	Paul Dugan, P.E.	610-220-3820	pauldugan@comcast.net
Past-President	Kristin Norwood, P.E.	610-842-0521	norwood.kristin@gmail.com
Chapter Director	Jim Thompson, P.E.	610-639-8990	jthomp9121@aol.com
Chapter Director	Anthony Dougherty, P.E.	610-326-3100	adougherty@trafficpd.com
Chapter Director	Anthony Handley, E.I.T	610-585-5889	anthonyhandley@comcast.net
Chapter Director	Dan Humes, E.I.T	267-549-6643	dbh5007@gmail.com
Chapter Director	Nate Zipay, E.I.T.	610-326-3100	nzipay@trafficpd.com
Chapter Director	Vacant		
SE Region PSPE Vice President	John A. Nawn, P.E.		jnawn@czopspecter.com

2011-12 VFC COMMITTEES

Committee

Audit
Awards
By-Laws
Engineers Week
Ethics
Legislative/Gov't
Mathcounts
Membership
Nominating
Programs
Publications
Scholarship
Science Fair
VFC Website

Primary Contact

Jim Thompson, PE
Bruce Rhoads, PE
Nate Zipay, EIT
Tony Dougherty, PE
Mike Fischer, PE
Paul Dugan, PE
Dan Humes, EIT
Lindsay Musselman, EIT
Kristin Norwood, PE
Bruce Rhoads, PE
Chad Camburn, PE
Lindsay Musselman, EIT
Tony Dougherty, PE
Mike Fischer, PE

Secondary Contact

Kurt Leininger, PE
Kristin Norwood, PE
Paul Dugan, PE
Paul Dugan, PE
Bruce Rhoads, PE
Anthony Handley, EIT
Nate Zipay, EIT
Jim Thompson, PE
Bruce Rhoads, PE
Randy Cleaver, PE
Kristin Norwood, PE
Randy Cleaver, PE
Jim Thompson, PE
Anthony Handley, EIT

Practice Division Contact

Professional Engineers in Private Practice (PEPP)
Professional Engineers in Construction (PEC)
Professional Engineers in Government (PEG)
Professional Engineers in Industry (PEI)
Professional Engineers in Education (PEE)

Paul Dugan, PE
Kurt Leininger, PE
Paul Dugan, PE
Lindsay Musselman, EIT
Bruce Rhoads, PE

(Note – The above committee positions were determined by those who attended the Board of Director's Summer Planning Meeting.)

You can now follow our Chapter on LinkedIn and Facebook. Check us out!!



PSPE
Valley Forge Chapter
October Meeting

Tour: The Recyclery in King of Prussia

When: Tuesday, October 18, 2011
6:00 PM

Where: Republic Services Recyclery in King of Prussia
215 East DeKalb Pike
King of Prussia, PA 19406

Cost: There is no charge for this tour.

Overview: The Recyclery in King of Prussia has been a materials recovery facility since the mid-1980's. For many years, this facility was a dual-stream operation, in which paper and commingled containers (glass, aluminum, plastic and tin) were sorted and processed on separate lines. In July 2008, this dual stream system was replaced by a state-of-the-art single stream system. This \$5 million investment has increased their overall processing capability from 18 tons per hour to 40 tons per hour. Currently, they are accepting 450 tons of recyclable material each weekday.

**Please RSVP to Gwen Himes at ghimes@trafficpd.com or
610-326-3100 by Tuesday, October 11, 2011.**

Format of the meeting will include a short video followed by an explanation of the recycling process and tour of the facility.

All visitors are required to sign a Visitor Access Agreement to take the tour and must wear durable, closed toed shoes.

The Agreement will be sent to you when you register

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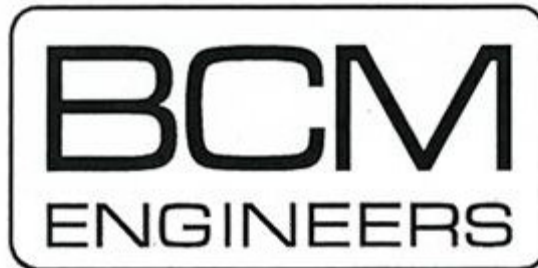
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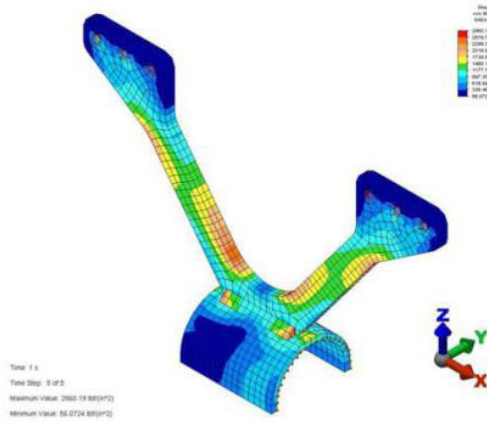
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