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The

Oregon

Professional

Engineer

Winter 07-08

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President's Message

from Ron Polvi, PE, PLS, CWRE

What a year 2007 has been! We've seen technological advancements, candidates emerging in the political arenas, and heightened awareness of global warming. I wish I could read into a crystal ball and tell everyone what 2008 will hold; all we know for certain there will be change.

As for the PEO activities, things are moving forward. Belinda Holcombe-Rasmussen is doing a great job providing professional service to our chapter. Our website continues to include new articles and announcements. We will be looking for a new publisher for the newsletter and directory since LLM Publications has tendered a letter of termination with PEO. We are assessing the most effective options available. I would like any input on a future direction of our publications. I also ask for a volunteer to head a publications committee to help Belinda update our publications and website.

Some activities happening in the next few months include many outreach and mentoring opportunities. Thanks to Marty Stipe, PE, and a group from the Mid-Willamette Chapter there was a student career day February 6 in Salem. In partnership with the Salem-Keizer School District and its engineering advisory board, PEO exposed some 60 students to various engineering disciplines in conjunction with national Career and Technical Education Month.



As part of National Engineers Week, February 20 was the annual high school student banquet at the Lloyd Center DoubleTree Hotel in Portland. I hosted two students. The fun evening was filled with networking and learning about the new 787 Dreamliner from Boeing.

Throughout February our local MATHCOUNTS competitions are underway. The top student teams from these competitions will meet at OSU in Corvallis on March 8, 2008. If you have never experienced the excitement and intensity of these talented students solving math problems with lightening speed, you need to join us for a fun day. Please see our website for details and locations.

I encourage you to attend the Joint Engineering Conference on April 24-25 in Bend. Bill Tye, PE, and his team are putting on a superb cross-discipline schedule of speakers at this affordable workshop. PEO joins support from ASCE, ASME, ASHRAE, IEEE, and ACEC for this event.

This new year may hold some challenges for all of us, but remember this quote from Dwight D. Eisenhower, "Laughter can relieve tension, soothe the pain of disappointment and strengthen the spirit for the formidable tasks that lie ahead." So have fun and smile...it makes people wonder what you are up to!



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<i>Practice Division—PEPP</i>	Bill Pease, PE
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You will be receiving the ballot for the 2008–09 board by March 25.

Central Oregon	
President	Charlie Rowles
Board	John Bohmker
Secretary/Treasurer	Mark Herbert

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Officers	TBA

Klamath Basin	
President	Hugh Currin

Mid-Willamette	
President	Marty Stipe
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DON'T FORGET TO VOTE!

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Award Nominations Needed

Roger Kuhlman, PE

Awards will be given at the April 24, 2008 Business Meeting at the Riverhouse Resort in Bend, Oregon.

Please join us in Bend for the celebration.

Engineer of the Year

This award has three requirements:

1. A citizen of Oregon for ten years
2. Registered Professional Engineer in Oregon
3. Active in the engineering profession for at least 25 years

The criteria to be considered are twofold:

1. Outstanding professional achievement over a period of years. Factors to consider include contributions by research, design, education, construction, executive project management, or publications, presentations etc. Also acceptance as outstanding by peers.
2. Contribution to the advancement of professional engineering; this includes service to the community and to PEO and Technical Societies.

Young Engineer of the Year

This individual is an outstanding member under age 30 who demonstrated advancement and abilities above the norm.

Send your nominations to Roger Kuhlman, PE at Salem Electric, kuhlman@salemelectric.com

Nominee Name _____

Company _____

Address _____

Phone _____

Email _____

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WELCOME! New PEO Members

- Phillip E. Beatty, PE
- Charles A. DeJanvier, PE
- Mark Hampton, PE
- Jason Hefner, PE
- Mathew Holter, PE
- Takeya Kawamura, PE
- Frederick Anthony Kroon, PE
- Mary Elizabeth McLean
- Steve Winslow, PE

*If you know anyone that would be interested
in joining PEO, please direct them to
www.oregonengineers.com or call 800-919-9552.*

?

Moved or changed jobs recently?

Send updates to
peo@oregonengineers.com ?

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Invitation to the 2008 Joint Engineering Conference

*Engineering & New Technology
Yesterday & Tomorrow*

*April 24th & 25th 2008
The Riverhouse Resort
Bend, Oregon*

- ❖ *Keynote speaker*
- ❖ *Breakout sessions*
- ❖ *Order of The Engineer*
- ❖ *12 PDH*
- ❖ *Vendors & Suppliers*
- ❖ *Tours*

*Hosted by:
Central Oregon Chapter
Professional Engineers of Oregon*

*Contact: Bill Tye 541-389-6959 email: jec@tyeengineering.com
For on-line registration and more information go to the PEO
website www.oregonengineers.com
deadline for on-line registration is April 17, 2008*

Cost for the 2 day event is \$375

*Early registration (before Feb 24th) and volume discounts for parties of 5 or
more will decrease the cost to \$345*

☆ ACEC Am Council of Engineering Companies of OR
☆ ASCE American Society of Civil Engineers
★ ASME American Society of Mechanical Engineers
IAEI International Assoc of Electrical Inspectors-NW
★ PEO Professional Engineers of Oregon
SAE Society of Automotive Engineers

★ Participating society

AFE Association for Facilities Engineering
AIChE American Institute of Chemical Engineers
★ ASHRAE Am Society of Heating, Refrig & A/C
IEEE Institute of Electrical and Electronic Engineers
IES Illuminating Engineering Society
SEAO Structural Engineers Association of Oregon

☆ Supporting society

2008

Joint Engineering Conference

ENGINEERING AND NEW TECHNOLOGY:
YESTERDAY AND TOMORROW

April 24th & 25th, 2008

Website: www.oregonengineers.com

Email: JEC@tyeengineering.com

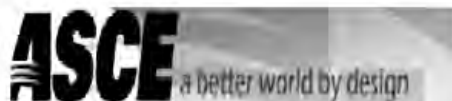


*Riverhouse Resort &
Conference Center
Bend, Oregon*

Participating Societies



Supporting Societies



2008 Joint Engineering Conference

REGISTRATION FORM

The Riverhouse ~ Bend, Oregon

April 24-25, 2008

Name _____ Firm _____

Address _____

City/State/Zip _____

Phone _____ Email _____

Membership Affiliation (CIRCLE all that apply)

A share of conference profits will be distributed to sponsor organizations based on reported membership attendance.

ACEC	AFE	AIA	AICHe	ASCE	ASHRAE
ASME	ASMI	ASPE	IAEI	IEEE	IES
PEO	PLSO	SAE	SAME	SEAO	OTHER

Ice Breaker Wednesday, April 23rd 6pm – 8pm

Conference days Thursday April 24th & Friday April 25th

One-day Registration Thursday <i>or</i> Friday (includes breakfast, lunch & banquet dinner)	\$275.00
*Two Day Registration Thursday April 24 th & Friday April 25 th (includes breakfast, lunch & dinner for both days)	\$375.00
I will bring a guest to Thursday dinner * each guest is an additional	\$40.00
I will bring a guest to Friday dinner * each guest is an additional	\$40.00
I would like to sponsor an event	\$100.00
Order of the Engineer Installation	\$10.00
At-the-door Registration	\$395.00
Total Fees	\$

* Early registration and volume discounts for parties of 5 or more from the same firm will decrease cost to \$345.00 if registration is received by February 24th.

Deadline for on-line registration is April 17th

*Please provide guest name: _____

Check enclosed Payable to: Professional Engineers of Oregon
86 SW Century Dr., #353
Bend, OR 97702
Questions regarding payment please
contact PEO Office at 800-919-9552

For instructions to register online go to: <http://www.oregonengineers.com>

For Guest Room Reservations at the Riverhouse Resort call 800-547-3928

2008 Joint Engineering Conference Bend, Oregon April 24th & 25th

WEDNESDAY APRIL 23, 2008		Schedule-at-a-Glance				
6:00-8:00p	Ice Breaker Buffet & Cash Bar	Subject to Minor Changes See Website for Program Details www.oregonengineers.com				
	6:30p JEC Planning Committee					
	Registration					
THURSDAY APRIL 24, 2008		FRIDAY APRIL 25, 2008				
7:15-8:15a	Registration & Continental Breakfast	Order of the Engineer Continental Breakfast ①				
8:15-8:30a	Welcome & Conference Overview Cascade Rooms C & D	Welcome & Conference Overview Cascade Rooms C & D				
8:30-9:30a	Newberry Geothermal Doug Perry - Davenport Power Al Wilde - Geologist	Bend Research Inc. Higher Education Rod Ray P.E. PhD				
9:30-9:45a	Break					
9:45-10:45a	Engineering Leadership Gary Hinkle IEEE					
10:00-10:15a	Break					
10:45-11:00a	Break	National Society of Professional Engineers Art Schwartz Ethics Panel Discussion				
11:00-12:00p	Kleinfelder New Technology					
12:00-1:00p	Lunch B+30 ②					
Professional Development Sessions		Professional Development Sessions				
	Cascade Room C	Cascade Room D	Cascade Room A	Cascade Room C	Cascade Room D	Cascade Room H
1:15-2:15p	Sunlight Solar	Digital Signatures	Fuel Cells Idatech Alan Mace	Disaster Control Gerry Williams PE, PhD	Brown & Caldwell Biological Treatment Systems	Maple Avenue Bridge Design
2:15-2:30p	Break			Break		
2:30-3:30p	PV Power	Porous Pavement Design Matt Rogers	Critical Infrastructure Protection / IEEE Greg Hutchins	Legal Erin Austin, Esq	History of Oregon Water Law Peter Mohr	Orengo New Technology Terry Bounds
3:30-3:45p	Break			Break		
Choice of Tours						
Tour times	2:30-3:30p	3:00p	3:45-5:00p	Legal	Wave Technology	Subsurface Utility Engineering
	Cessna Aircraft (Columbia Air) Kurt Nichols "sign up"	Mirror Pond Power House	Deschutes Brewery "sign up"	Stan Austin		
5:30-6:30p	Social Hour			Social Hour & JEC Recap		
	Annual Meetings			Banquet Dinner		
6:30-7:00p	Participating Societies dinner meetings PEO Annual Dinner Meeting & Installation of Officers			Leap ahead Intel-Alan Crouch		
8:00a				SATURDAY APRIL 26, 2008		
	PEO Board Meeting					

① see website for more information on Order of the Engineer

② Bachelor +30 For licensure

Thank you MATHCOUNTS Sponsors

Coming Up...

- March 8
State Competition
Oregon State University
- May 8–11
Lockheed Martin National
Competition, Denver

Regional & State Coordinators

We can always use more volunteers. Please contact Michael Hardy at mhardy@eepdx.com if you are interested.

Michael Hardy, P.E. *Statewide Coordinator*
 Steve Alexanderson, P.E. *Benton-Lincoln-Polk Counties Coordinator*
 Ron Buckingham, P.E. *Rogue Valley Chapter Coordinator*
 John Zimmerman, P.E. *Clackamas & Multnomah Counties Coordinator*
 Russell Cox, P.E. *South Coast Coordinator*
 Earlee Kerekes-Mishra *Klamath Basin Chapter Coordinator*
 David Krumbein, P.E. *Northeast Oregon Chapter Coordinator*
 Roger Kuhlman, P.E. *Willamette Valley Chapter Coordinator*
 Al Pierce, P.E. *Washington County and NW Oregon Coordinator*

Oregon MATHCOUNTS Foundation Board

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 Statewide Coordinator – Michael Hardy, P.E., mhardy@eepdx.com

Financial Support

A big thanks to our 2007 sponsors, especially our State Sponsor, Bend Research. If you would like to make a donation for the 2007–2008 competitions please contact Ron Polvi, P.E. or any of the board members.

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! YOU THANK YOU!

MATHCOUNTS

Oregon MATHCOUNTS is part of a nationally recognized math skills improvement program for middle school students. The objectives of MATHCOUNTS are to help students develop better math skills, to provide enrichment materials to math teachers, and to recognize students' accomplishments through regional, state, and national competitions.

How can you help?

The number of students in the Oregon regional competitions increases each year. Efforts are needed to locate, reserve, and set up competition sites; arrange for lunches for the competitors, coaches, and volunteers; coordinate the volunteers; and prepare scoring room materials. Contact Michael Hardy, P.E. mhardy@eepdx.com if you are interested in volunteering.

We have teachers' and parents' attention; let's not let them down. Whether you volunteer your time or recruit a volunteer, help will be needed at the regional competitions during February and at the state competition in March at OSU.

Mid Willamette Chapter News

Future Engineers Luncheon



The Mid Willamette Chapter just held its first Future Engineers Luncheon, corresponding roughly with National Engineers Week activities. Modeled after the Portland event, approximately 60 Salem-Keizer area students were able to interact with engineers and representatives from engineering companies, government, and colleges.



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Students were brought to a local conference center where they had the opportunity to view booths set up by local companies and talk with engineers. The lunch offered time to discuss engineering careers with table sponsors and other engineers. A keynote speech by Dr. Hiroshi Morihara highlighted one engineer's path to a successful and interesting career. Following the lunch, the students were sent out to tour local facilities where they could see the real working environment and meet the engineers in the field. Tours were held at Braka, Garmin, GE Security, Hanard Machine, and the ODOT Materials Lab.



We are grateful to the many sponsors who made the event successful, including: A-dec, Bonneville Power Administration, Climax Portable Machine Tools, David Evans & Associates, Evergreen Engineering, GE Security, Hanard Machine, Northwest Engineering Service, OBEC Consulting Engineers, Rainsweet, Ron Polvi, and Salem Electric.



Thank you to the PEO member participants and to Marty Stipe, the main PEO organizer.



Mark D. Grenz, P.E., IC.
President

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