



# MSPE Central Chapter News

Missouri Society of Professional Engineers – Central Chapter Newsletter

January 2009

## January Meeting

Thursday, January 22, 2009  
6:00 – 8:00 PM

**Heidelberg Restaurant**  
410 South 9th Street  
Columbia, Mo.

MSPE Meeting Agenda:  
New Business

Speaker:  
**Clark Fuhlage, P.E.**  
**Archon Engineering**  
**MSPE Central Chapter President-Elect**

Topic:  
**Engineering Ethics**

**RSVP to Shannon Howe at 234.2654 or**  
**[howe@skw-inc.com](mailto:howe@skw-inc.com)**

Spouses and Guests Welcome.

Attendees may choose from the menu.

This program may count as a Professional Development Credit.

## President's Comments

Greetings Central Chapter Members,

Mathcounts is coming up on February 21st. Please mark this on your calendar and volunteer if you can. This is a great way to provide encouragement to our brightest youth to pursue math and science careers.

The state wide scholarship applications have been turned in and will soon be reviewed by the scholarship committee. Two deserving high school students will receive scholarships from MSPE to study engineering at a Missouri university. See MSPE's Education Foundation website for more information:  
<http://www.mspe.org/edfoundation.html>

We are in the process of researching speakers for the February meeting. We anticipate the meeting date will be around February 10, to coincide with the Mizzou Engineering Career Fair.

Please join us for the January meeting where our own President-Elect Clark Fuhlage will give the presentation.

Best Regards !

**Shannon Howe, P.E.**  
Central Chapter President

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**Central Chapter Mathcounts Competition**  
**February 21 -- MU Engineering Buildings**

Details to Come

## Missouri Smallflows Conference & Exhibition in Columbia

Mark your calendar for January 19, 20 & 21, 2009 for the **13th Annual Missouri Smallflows Conference and Exhibition**, at the Holiday Inn Select in Columbia. This event in addition to allowing you to obtain Continuing Education Units will keep you updated on the latest trends and products in the Onsite Wastewater Arena. On Monday, the Pre-conference Seminar features a full day workshop on Mechanical Aerobic Treatment Units, including specifications, installation, operation and maintenance. The seminar will be taught by a nationally recognized expert, **Bruce J. Lesikar, Ph.D., P.E.** Bruce is a Professor and Department Head at Texas A&M University.

On Tuesday the exhibit hall opens with onsite products from 40 vendors. This special exhibit hall allows for the indoor display of large concrete septic tanks, pump tanks and advanced treatment units. During the day, there will be educational sessions and breakout sessions on topics including Drip Irrigation in Imported Soils, Site Planning & Layout, Gravelless Leach Field Alternatives, Soil Potential Rating Guide and more. On Wednesday, the exhibit hall will again be open and more seminars are scheduled.

You can find complete information including information, agenda, expo floor plan, and application on the conference on the MSO website at

[www.mosmallflows.org](http://www.mosmallflows.org)  
(click the "Annual Conference" link)

or email [mso@lvbw.net](mailto:mso@lvbw.net)  
or call MSO at 417-739-4100.

David Casaletto, Executive Director  
Missouri Smallflows Organization  
P.O. Box 606  
Kimberling City, MO 65686

## NSPE Member Benefits

NSPE membership gives engineers the tools and services they need to be better informed and better connected within their professional community.

### **News of the Profession**

Available free to members, [PE magazine](#) is packed with up-to-the-minute reporting and articles covering licensing, education, employment, ethics, legal and liability issues, and more.

Members only e-newsletters, like [NSPE Update](#), [Daily Designs](#), and the [U.S. Engineering Press Review](#) offer the latest news on shifting trends and new technologies.

### **Continuing Education**

[Licensure programs](#) offer members a range of tools to help achieve and maintain their professional licenses.

[Online courses](#) provide a time-effective option for engineers who want to sharpen their knowledge and skills – from standards management to professional ethics.

[Self-study videos](#) are a cost-sensitive way to build expertise and earn qualifying professional development hours.

Members who wish to study with other professionals in their community can choose from a range of [local programs](#) and courses in their area.

(This is the latest in a series of articles highlighting the benefits of NSPE/MSPE membership.)

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**Missouri Society of  
Professional Engineers**

MU Geotechnical & Geoenvironmental Engineering Spring Semester 2009 Seminar Schedule

E1419 Lafferre Hall, MU Campus ---- Fridays 3:00 – 4:00 pm (unless otherwise noted)

Date	Topic	Speaker
Jan. 23	Welcome and Introduction	Erik Loehr, Bill Likos, Brent Rosenblad, John Bowders– MU Geotech Program
Jan. 30	TBA	Kyle Tabor Shannon & Wilson, Inc. Saint Louis, Missouri
Feb. 6	Characterization of Ground Deformation Using Satellite-Based Radar Establishing Acceptable Risk for Geo-Structures	Rick Coffman, MU Geotech PhD candidate Daniel Huaco, MU Geotech PhD candidate
Feb. 13	<b>No Seminar</b>	<b>No Seminar</b>
Feb. 20	TBA	Glenn M. Boyce, PhD, PE Jacobs Associates, San Francisco, California
Feb. 27	Permeability of Nankai Trough Sediments Experimental and Analytical Study of the H/V Spectral Ratio Method	Lei Yue, MU Geotech MS candidate Ryan Goetz, MU Geotech MS candidate
Mar. 6	TBA	Conrad Felice Lachel Felice and Associates, Inc., Kirkland, Washington
Mar. 13	E-Week	Omer Bozok, MU Geotech MS candidate Amod Koirala, MU Geotech PhD candidate
Mar. 20	<b>No Seminar</b>	<b>No Seminar</b>
Mar. 27	<b>**No Seminar - Spring Recess**</b>	<b>No Seminar</b>
Apr. 3	Geosynthetics Product Manufacturing Quality Control and New Product R&D	Mengjia Li, Ph.D., P.E. GSE Lining Technology Inc., Houston, Texas
Apr. 10	Case History- Landfill Cover Failure	Pete Burton, P.E. Burns & McDonnell, Kansas City, Missouri
Apr. 17	TBA	Vernon Schaefer, Ph.D., P.E. Iowa State University, Ames, Iowa
Apr. 24	FLAC Analysis of a Wharf Structure or Stability Analyses for Earth Dam Projects	Binod Sapkota, Ph.D., P.E. Terracon, Lenexa, Kansas
May 1 <b>W1005</b>	Foundation System for Ameristar	Matt McQuality, P.E. Geotechnology, Saint Louis, Missouri
May 8	<b>**No Seminar** ** Reading Day**</b>	<b>Have fun reading!</b>

Attendees will receive one Professional Development Hour (PDH) for continuing education.

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