



OCTOBER MEETING NOTICE

Tour: DOE's National Energy Technology Lab

Where: NETL

626 Cochran Mill Road
Pittsburgh, PA 15236
412-386-4984

When: Thursday, October 19, 2006

Time:

5:45 PM Registration

6:00 Lab Tour

7:30 Arrive at Calabria's
3107 Library Rd,
Castle Shannon, PA
412-885-1030

**RSVP NO LATER THAN
SUNDAY, OCTOBER 8, 2006**

To: Mr. James Miller, Vice-Chair
Phone: 412-268-9517
E-mail: jbmiller@andrew.cmu.edu

Your RSVP must include: **Name, Company Name,
Menu Choice, Email Address, and Phone Number.**

**Important! In the RSVP, confirm your U.S.
Citizenship or existing clearance to visit the NETL.**

*(Registration deadline of foreign nationals has already
passed.)*

**Because of NETL security policy, we cannot take late
registrations.**

PLEASE PAY AT DOOR

CANCELLATIONS: If you must cancel your meeting reservation, please do so no later than 48 hours prior to the meeting. Otherwise, you will be invoiced for the cost of your meal.

Menu: Please select one of the entrees below. All meals include choice of soup or salad; choice of pasta, potato, rice or vegetable; choice of cream-pie dessert; and coffee or soda.

- Chicken Marsala
- Scrod Florentine
- Fettuccini Primavera

Cost: \$27.00 Members
\$20.00 Students and unemployed
members
\$29.00 Non-members

~ About the NETL ~

The National Energy Technology Laboratory (NETL), part of DOE's national laboratory system, is owned and operated by the U.S. Department of Energy (DOE). NETL supports DOE's mission to advance the national, economic, and energy security of the United States.

The only U.S. national laboratory devoted to fossil energy research, NETL implements a broad spectrum of energy and environmental research and development (R&D) programs that will return benefits for generations to come, by enabling domestic coal, natural gas, and oil to economically power our Nation's homes, industries, businesses, and transportation while protecting our environment and enhancing our energy independence.



LETTER FROM THE CHAIR

Dear Members:

Can you believe it? Autumn just started, the Steelers are giving us heart attacks and Halloween decorations are everywhere. I don't know about you but I'm not emotionally ready for what's coming next. But I am ready for the upcoming AIChE year and look forward with anticipation to the programs that Vice Chair Jim Miller has lined up.

This leads me to the point of this letter. We really need you to be an active member of this chapter in order for the chapter to meet its stated goals. Some of you are really active – David Missenda running the Student programs and the Young Professionals programs, John Hauser conducting a financial audit, Dady Dadyburjor serving as Counselor, Ignacio and Dale serving in a national capacity, and there are about 20 others that I could list and would if space permitted. Therein lays the problem. Those who serve the chapter as officers, members of the Executive Committee, web master, newsletter editor, etc. are the same ones who attend the meetings and do anything else the chapter is involved in. The sad truth is that only 3% of you attend meetings or otherwise participate.

How can we make our chapter more appealing to you? What do we need to do to make it attractive to you to serve? How do we get you to a meeting?

I really want to know the answers to these and other questions. I want it so bad that I am listing my cell phone number, my office number and my email address below. **PLEASE** contact me if you have any input. The rest of the Executive Committee members are listed in the newsletter. Contact them if you prefer, but just talk to us. Better yet, come to a meeting and talk. I'll buy you a beer or a glass of wine and we can chat all you wish.

Sincerely,

Gary Hall
Chairman, AIChE Pittsburgh Chapter
gary.hall@sauereisen.com
(W) 412-963-0303, x236

(C) 412-583-6819

OCTOBER MEETING

NETL has expertise in coal, natural gas, and oil technologies, contract and project management, analysis of energy systems, and international energy issues.

In addition to research conducted onsite, NETL's project portfolio includes R&D conducted through partnerships, cooperative research and development agreements, financial assistance, and contractual arrangements with universities and the private sector. Together, these efforts focus a wealth of scientific and engineering talent on creating commercially viable solutions to national energy and environmental problems.

~ *DIRECTIONS TO NETL* ~

From Downtown Pittsburgh:

Take the Liberty Tunnel to PA 51 South. Go approximately seven miles. As you pass the CVS Pharmacy (Cloverleaf exit) take the immediate right turn ramp onto Curry Hollow Road. Continue for one and one-half miles through seven traffic lights. After the fifth traffic light, stay in the left lane. At the three-way intersection with Brownsville Road, turn left onto Brownsville (follow sign pointing to *Bruceton Research Center*). Stay in the left lane. Brownsville Road becomes Cochran's Mill Road after the first stop sign. Continue two miles on Cochran's Mill. NETL is on the right at the sign for *Bruceton Research Center*. Ask guard for directions.

From the North:

Take I-79 South to I-279 South to I-579 South and then the Liberty Tunnel exit. Follow the directions from Downtown Pittsburgh above.



From the South:

Take I-79 North. Merge onto I-70 East (toward New Stanton, PA). Proceed 3.3 miles on I-70 East to Exit 25 (Town of Eighty-Four, PA). At Exit 25, turn onto PA-519 North; proceed 3.9 miles to Thomas Road. Continue straight on Thomas Road (past Agway Farm Supply) for 2.2 miles to "T" intersection. Turn right at "T" onto Linden Road; proceed about one mile to multi-point intersection. Bear right onto Thomas Road which becomes Venetia Road. Proceed 5.3 miles on Venetia Road to Finleyville. Bear left onto PA-88 North about 0.7 miles through Finleyville. Bear right onto Old Brownsville Road where PA-88 bends left (outside Finleyville). Proceed 1.3 miles on Old Brownsville Road (uphill). Bear left at first STOP sign. Proceed a tenth of a mile to 2nd STOP and turn right. Proceed (downhill) across small bridge to 3rd STOP (COGO convenience store on left). Turn right onto Piney Fork Road, proceed six tenths of a mile. Bear left at fork (uphill) onto Ridge Road. Proceed 1.6 miles on Ridge Road to Wallace Road. Turn right onto Wallace (pass left turn to Wallace). For the Main Entrance, turn left at the first entrance and ask guard for directions.

From the East:

From I-70W, take Exit 46B to PA-51N North toward Pittsburgh. Merge onto PA-51N and continue past the Century III Mall. Follow the Yellow Belt (right ramp towards South Park/Bethel Park). Keep right at the fork in the ramp. Merge onto Curry Hollow Road/Lebanon Church Road/Yellow Belt. Proceed forward to Curry Hollow Road/Yellow Belt. Curry Hollow Road/Yellow Belt becomes Brownsville Road/Yellow Belt. Turn SLIGHT LEFT onto Brownsville Road at the 2nd light after going under the Railroad Trestle. Sign indicates *Bruceton Research Center*. Stay straight onto Cochran's Mills Road. Pass the VFW Post 1940 on left and continue for about 2 miles. National

Energy Technology Center entrance is on the right. Ask guard for directions.

From the West:

From US-22, US-30, PA-60, or I-79, take I-279 towards Pittsburgh. Just before Exit 5B (Truck Route 19S/Route 51S/Uniontown), move to the far right lane. This exit is to the right **immediately** before the Fort Pitt Tunnel. Do not enter the tunnel. Proceed about 7.5 miles on US-51S. Look for the CVS Pharmacy on right. Exit to the right immediately past the CVS (Cloverleaf exit) and merge onto Curry Hollow Road. Proceed 1.5 miles through 7 lights on Curry Hollow Road. Move into the left lane after the fifth light. At the 3-way intersection with Brownsville Road, turn left onto Brownsville Road (follow sign pointing to *Bruceton Research Center*). Stay in the left lane. Brownsville Road becomes Cochran's Mill Road after the first Stop sign. Proceed 2 miles on Cochran's Mill Road. Enter NETL on the right at the sign for *Bruceton Research Center*. Ask guard for directions.

~ DIRECTIONS TO CALABRIA'S ~

Driving directions from NETL to Calabria's in Castle Shannon, PA will be distributed at the end of the tour.

ENGINEER MENTORS

Be a Mentor for the Future City Pittsburgh Regional Competition!

The Pittsburgh Regional Future City Competition needs engineer mentors. Mentors are needed to begin work with middle school teams. Please consider volunteering as a mentor for this fun and worthwhile experience.



The Engineers' Society of Western Pennsylvania (ESWP) in conjunction with the Carnegie Science Center will present the 8th Annual Future City Competition in the Pittsburgh area. The Future City Competition asks middle school students to create -- first on computer and then in large, three-dimensional models -- their visions of the city of tomorrow. The Pittsburgh Regional Competition will be held at the Carnegie Music Hall, on Saturday, January 20, 2007. The Future City Competition is a national program sponsored by the engineering community to promote technological literacy and engineering to middle school students.

For additional information about volunteer opportunities contact:

Werner Loehlein, Future City Mentor Coordinator,
E-mail: werner.c.loehlein@usace.army.mil
412-395-7363 www.futurecitypittsburgh.org

WANTED! VOLUNTEERS FOR NATIONAL CHEMISTRY WEEK



Chemistry is everywhere, and your home is built out of materials made possible by chemistry. Materials made or discovered by scientists and engineers allow homes to become more efficient for energy, heating, and cooling as well as safer and more resistant to forces of nature like earthquakes, tornadoes and hurricanes.

For more about how chemistry plays a key role in the construction and building of our homes, go to:
http://acswebcontent.acs.org/celebrate_chemistry/cc_nw06.pdf.

We will sponsor an event table activity at the Carnegie Science Center in celebration of National Chemistry Week. Volunteers are needed to help staff our table on Saturday, October 28, 2006 (Hey -- it's not on Pitt's homecoming this year!!).

The theme for this year is **"Your Home -- It's All Built on Chemistry."** As always, I am open to

suggestions for a hands-on activity or a make-and-take activity!! For more information about volunteering or activity suggestions, please contact me at 412-826-3636 or send an e-mail to: nhirko@air-comp.com. I sure could use the help and any ideas that you may have!

Nancy Hirko
Science Center Events

MEMBER SURVEY!

Dear Pittsburgh Chapter Members,

My main responsibility as Vice-Chair is to coordinate our meetings for the current year. As in recent years, we will schedule a mix of technical presentations and plant trips—along with special occasions, like Student Night.

To help us choose topics that are of most interest to you, we'd like to hear from you about past meetings and your suggestions for future speakers and site visits:

- Which speakers were most—and least—impressive? Why?
- Which plant tours were most—and least—impressive? Why?
- What topic(s) would you find most interesting for a dinner presentation? Names of potential speakers would be especially helpful.
- Which area plants and facilities would you like to visit?

Please call me at 412-268-9517 or send e-mail to jaybeemiller@yahoo.com with your comments and suggestions.

See you at our October meeting.

Jim Miller
Vice-Chair



FALL SYMPOSIUM

The Pittsburgh-Cleveland Catalysis Society will hold its fall symposium on October 26, 2006 at the Airport Holiday Inn in Moon Township, PA. Six invited speakers including Exxon Corporation's Stu Soled and the University of Virginia's Bob Davis will address critical problems in energy science. For details and information about registering for this symposium, see their web-site at:
<http://www.pitt.edu/~gveser/pccs/index.html>

NATIONAL AIChE ANNUAL MEETING



November 12-17, 2006
San Francisco Hilton, San Francisco, CA

For R&D professionals, AIChE's Annual Meeting provides an open forum to present papers to fellow engineers and scientists from around the world. For students, the national conference is the ideal place to learn, network and receive recognition. An emphasis of the meeting will be globalization and the diversity of industries the chemical engineering profession serves.

The conference will include 16 topical conferences and over 670 sessions, covering everything from advances in fundamentals, to the newest developments in emerging technologies including bioengineering, nanotechnology, sustainability and more. More than 4,000 engineers and scientists are expected to attend. Register on-line at:
<http://www.aiche.org/Conferences/AnnualMeeting/index.aspx>

The deadline for Early Bird Registration for the 2006 Annual Meeting is October 6, 2006.

Register now on-line at:

<https://www.aiche.org/apps/ecommerce/meetreg/meetreg.asp>

IT'S NICE TO BE WANTED

The **Pitt Alumni Association** cordially invites you to attend and participate in the **Fourth Annual Networking Event - Pathway to Professions**. This event is scheduled to take place on Thursday, October 19, 2006 from 6:30 PM to 8:30 PM in the Connolly Ballroom, Alumni Hall.

We are seeking Engineers to network with Pitt students through this career networking event. Hundreds of students are looking forward to meeting experienced professionals. Currently, there are only a few engineers registered to attend. Please help us to represent the diversity of engineering careers our students may experience by volunteering to participate. All alumni are welcome. Parking passes are available. Refreshments will be served. Dress is business casual. **If you plan to attend, please register online before October 10 at** <http://www.alumni.pitt.edu/pathway/>. Please feel free to contact me or Alyson Wallach at alyson1@pitt.edu with any questions you may have. Thank you, in advance, for your attention to this matter.

Sincerely,

Kristen M. Bires Carothers
 Director of Alumni Relations
 University of Pittsburgh
 Phone: (412) 624-9813
 Fax: (412) 624-0412
kmbcarothers@enr.pitt.edu



MEMBERSHIP CORNER

Please send all change of address notifications to the Membership Chair:

Holly Gray
412-269-6059
hgray@mbakercorp.com

If you have not already done so, please verify your updated e-mail address and post office mailing address with me so that you will continue to receive newsletters and e-mail notifications! Newsletters are posted on our website, www.aichepgh.org

Please sign me up for the Pittsburgh Chapter of AIChE

Name _____
Company _____
Address _____
City _____ State _____ Zip _____
Business Phone _____
Residence Phone _____
Email _____

Annual Dues are \$16.00. Make check payable to "AIChE Pittsburgh Chapter" and send to the Treasurer:

Paul Brezovec
AIChE Treasurer
164 Taylor Avenue
Johnstown, PA 15906

NEWSLETTER DEADLINE

THE DEADLINE FOR THE DECEMBER NEWSLETTER IS FRIDAY, NOVEMBER 10, 2006

Please submit newsletter information to:

E.G. Klein
724-796-3128
eg.klein@giccusa.com

SPONSORSHIPS

Are you interested in placing your company's information in future AIChE Newsletters?

Full Page	\$300
Half Page	\$175
Quarter Page	\$95
Business Card Size	\$45
1/12 Page	\$30

Place multiple sponsorships and receive a discount!

- Three consecutive ads – 10% off
- Eight consecutive ads – 30% off

Contact **E.G. Klein** at eg.klein@giccusa.com or 724-796-3128 for more information.



Fall is fun!



AICHE PITTSBURGH CHAPTER 2006-2007 OFFICERS

Executive Committee

Chair

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412-963-0303, ext. 236

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Web Master

Richard Dupree (rrd@dupreeonline.com)
Dupree & Associates
724-775-5122

2006 - 2007 Chapter Meeting Schedule

Date	Topic	Location
October 19, 2006	NETL Tour	Pittsburgh, PA
December 6, 2006	NPD Processes at MSA	Stone Mansion – Sewickley, PA
January, 2007	Joint Meeting with AWMA	Penn Brewery - Pittsburgh
February 26, 2007	Annual Student Night	Carnegie Mellon University
March, 2007	Technical Presentation	TBA
April, 2007	Plant Tour	TBA
May, 2007	Bi-Annual McAfee Award Banquet	TBA

Mark your Calendars!

For the Following Dates:

October 19, 2006	Tour	National Energy Technology Laboratory, Pittsburgh, PA
October 27-28, 2006	National Chemistry Week Event	Carnegie Science Center, Pittsburgh, PA
November 12 – 17, 2006	National AIChE Meeting	San Francisco Hilton, San Francisco, CA
December 6, 2006	Monthly Meeting	Stone Mansion Restaurant, Sewickley, PA



The Catalyst

American Institute of Chemical Engineers
337 Fourth Avenue
Pittsburgh, PA 15222-2097

Visit us on-line at www.aichepgh.org



GOD Bless AMERICA!