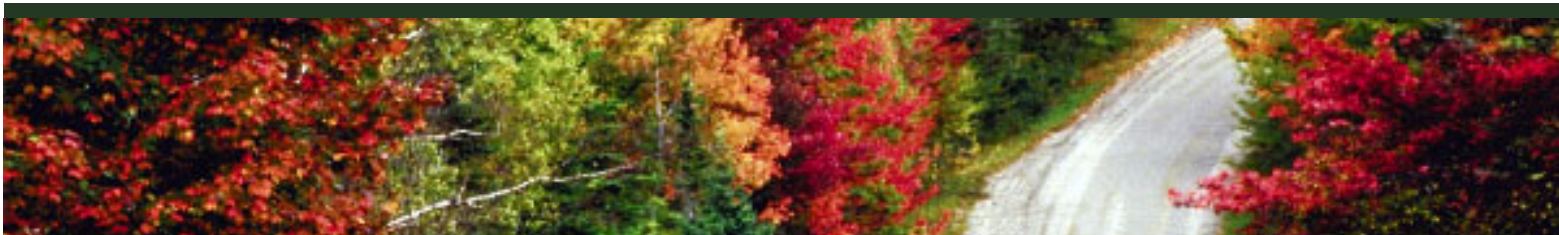


Richard Dupree

From: AIChE Pittsburgh Local Section [membership@aichepgh.org]
Sent: Saturday, October 02, 2010 11:40 PM
To: rrd@dupreeonline.com
Subject: New Program Year, New Section Chair, and More!

Having trouble viewing this email? [Click here](#)



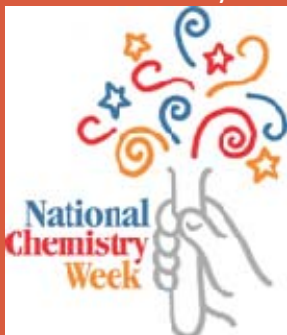
AIChE Pittsburgh

October 2010: Announcements, News and More!

In This Issue

A Word from the Chair
Get to Know Us
National Chemistry Week
November Meeting
Calendar Of Events

National Chemistry Week



Volunteers are needed for the National Chemistry Week event on October 23rd!

We are looking for volunteers for the AIChE booth at the National Chemistry Week celebration at Carnegie Science Center. The event will be held on Saturday, October 23rd from 10 am from 5 pm. Volunteers are needed for the following shifts:



A New Program Year Has Started!
Greetings! Thank you for reading the First Edition of The Catalyst, AIChE Pittsburgh's 2010-2011 Programming Year e-newsletter. In this issue you will find a welcome message from our new Chair, details of the November meeting, and a Call For Volunteers for National Chemistry Week. We will publish periodic updates of Local Section news and upcoming events. Please help our mailing list to grow by forwarding this letter to your colleagues and members of AIChE.



A Word from the New Chair, Ted Andersen....

Imagine my surprise to receive a phone call from Gary Hall saying that I was "tied for the lead" in an election where didn't know I was running. Actually, someone was bound to be surprised because the ballot for Chair of our Pittsburgh Section of AIChE had not identified any nominees for the position. The two other surprised winners have been serving actively over the past several years and, understandably, asked not to serve again/more. Times are tough for organizations of all types, especially those where active participation is optional and leadership is voluntary. Why am I willing now to serve when I wasn't willing to volunteer when nominations were being requested? Because I have seen and benefitted from the professional support offered by our section in the past and I see even increased needs to provide similar benefits now and into the future. Three clear benefits I see are:

- 1) Leadership skill development for our younger members,
- 2) professional networking to identify resources useful for our current jobs and to prepare for an uncertain future, and

9:30 AM - 1:30 PM

1:00 PM - 5:00 PM

9:30 AM - 5:00 PM

All volunteers will receive a free lunch and parking. To volunteer or for more information, please contact Julia Johnson at:

724-258-2776 or
Julia.A.Johnson@flexsys.com

Pittsburgh Local Section Officers

Ted Andersen, Chair
ChemTech Consultants

Todd Gardner, Vice-Chair
National Energy Technology Laboratory

Dady Dadyburjor, Chief Information Officer
West Virginia University

David Balister, Treasurer
Bayer Material Science, LLC

Paul Brezovec, Past Chair and Nominations
Concurrent Technologies Corporation

Julia Johnson, Outreach
Flexsys America

Gary Hall, Counselor
Sauereisen, Inc.

David Missenda, Counselor
URS Corporation

Ed Moretti, Scholarships and McAfee
Moretti Consulting Group, LLC

Carl Schwartz, PE Review
Westinghouse

Jim Miller, Newsletter Editor

3) Learning and refreshment of technical skills during presentations at local section meetings, now with the benefit of earning Professional Development Hours required for PE licensing.

I invite each of you to add to that list of benefits either, items you have found of value in the past or items we need to add to address today's needs.

We may be short of volunteers but I am hopeful that we can increase the ranks of "The Willing". Please join me in being: Willing to attend meetings more frequently; Willing to give a presentation or host a meeting at your facility; Willing to offer ideas for new programs and initiatives; Willing to be proactive in managing your professional career. Old friends, please come again, New friends I haven't met yet, please also come and let's get acquainted.

Ted Andersen is Chief Engineer at ChemTech Consultants, Inc. where he has primarily led plant process engineering since 1996. This year marked 45 years of professional experience since he earned his BChE from the Cooper Union (for the Advancement of Science and Art). Before Joining ChemTech, Ted earned his M.S. and PhD in ChE and MBA (all at PITT) and PE while he enjoyed a variety of engineering and management roles during nearly 30 years with Westinghouse Electric Corp and 1 year at BECO engineering. Assignments included naval nuclear plant engineering at Bettis, Solar and Wind Power design and development, and project management for the "Next Generation" of commercial nuclear power plants. Between jobs, but in better times, Ted experienced the "unemployed" condition that affects many engineers today.

Ted has been an AIChE member since 1965 and last served the Pittsburgh section as Vice-Chair from 1998-99 and chair 1999-2000. Previously, he also served on committees of the American Nuclear Society, ASME, and Chaired the Board of Directors of the American Wind Energy Association.



November Meeting Announcement
Wednesday, November 17, 2010

Water Management During Hydraulic Fracturing of Marcellus Shale for Natural Gas Production

AIChE-Pittsburgh; ACS-Pittsburgh Chemistry Club; Energy Technology Group; and Pittsburgh Energy Technology Group

Speakers: Dr. K.B. Gregory and Dr. R.D. Vidic

The process of hydraulic fracturing which liberates natural gas from shale produces large volumes of high-strength wastewater known as "flowback". Flowback water is commonly a brine solution, laden with metals and hydrocarbons which originated in the shale formation. The economical

Carnegie Mellon University

Bob Wasileski, Membership Chair
NOVA Chemicals, Inc.

JoAnn Truchan, McAfee Co-Chair
Allegheny County Health Department

Dick Dupree, Webmaster
Dupree & Associates

Mariangela Peters, Secretary
Bayer Business & Technology Services, LLC

management of flowback water for energy production and environmental stewardship is challenging. A variety of conventional desalination and disposal technologies have been suggested for flowback water management but their application is often limited by environmental regulations, regional topography, or a lack of sufficient infrastructure. However, novel approaches toward water management during hydraulic fracturing enable economical recovery of shale gas while greatly minimizing waste volumes and their associated environmental risk. The challenges and emergent water treatment and management strategies for produced water from hydraulic fracturing will be described from recent data collected during natural gas production from the Marcellus Shale in the U.S.

Location: Spaghetti Warehouse, 26th & Smallman Streets, Strip District, Pittsburgh PA

Free parking behind the restaurant.

Social Hour 6:00 pm, Dinner 6:30 pm, Talk 7:30 pm

For reservations, please call Connie Zaremsky by Monday, November 15 at 724-554-3691 or by email at connie.zaremsky@netl.doe.gov. Our meetings are open to all.

The cost of the dinner is \$16 including tax and gratuity. Please specify your preference: spaghetti with meatballs, 15-layer lasagna, four-cheese manicotti, fettuccini alfredo, or grilled chicken Caesar salad. Also please indicate special needs such as vegetarian, gluten-free, etc.

Kelvin B. Gregory, Ph.D., is an Assistant Professor of Civil and Environmental Engineering at Carnegie Mellon University. Dr. Gregory's research is focused on advancing environmental biotechnology for water treatment through an enhanced understanding of the underlying principles of biogeochemistry and microbial ecology. Current projects aim to enhance our understanding of biological and geochemical processes occurring during treatment of produced water from oil and natural gas development, develop contaminated sediment applications for electrode-based biotechnology, and enhance the understanding of how microbes and nanomaterials interact in the environment.

Radisav D. Vidic, Ph.D., P.E., is William Kepler Whiteford Professor of Environmental Engineering and Chairman of the Department of Civil and Environmental Engineering at the Swanson School of Engineering, University of Pittsburgh. His research efforts focus on advancing the applications of surface science by providing fundamental understanding of molecular-level interactions at interfaces, development of novel physical/chemical water treatment technologies, water management for Marcellus shale development, and reuse of impaired waters for cooling systems in coal-fired power plants. Dr. Vidic was elected by the Pittsburgh section of the American Society of Civil Engineers as 2008 Professor of the Year.

Calendar Of Events

AICHE Pittsburgh's 2010-2011 Program contains many opportunities to gather with area Chemical Engineers for social networking, continuing education, and professional development:

- NATIONAL CHEMISTRY WEEK, October 22-23, 2010, Carnegie Science Center
- NOVEMBER MONTHLY MEETING, November 17, 2010, Spaghetti Warehouse, Pittsburgh, PA
- JANUARY JOINT MEETING WITH AMWA, Details TBA
- SPOT THE HAZARD! A Practical Approach to Hazard Identification, March 2010, Details TBA

Watch for updates to our Calendar Of Events in your e-mail inbox and on our website: www.aichepgh.org

November Meeting Announcement

Wednesday, November 17, 2010

Water Management During Hydraulic Fracturing of Marcellus Shale for

Natural Gas Production

Speakers: Dr. K.B. Gregory and Dr. R.D. Vidic

Location: Spaghetti Warehouse, 26th & Smallman Streets, Strip District, Pittsburgh PA
Free parking behind the restaurant.

Social Hour 6:00 pm, Dinner 6:30 pm, Talk 7:30 pm

For reservations, please call Connie Zaremsky by Monday, November 15 at

724-554-3691 or by email at

connie.zaremsky@netl.doe.gov.



[Forward email](#)

✉ **SafeUnsubscribe®**

This email was sent to rrd@dupreeonline.com by membership@aichepgh.org.
[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

AICHe Pittsburgh Local Section | P.O. Box 109 | Ingomar | PA | 15127

Email Marketing by

