



AIChE®

Chicago Columns

Chicago Section e-newsletter

June 2007

CHAIR'S CORNER: Homework Assignment #1

Upcoming Events:

- > **September 25 -26:**
Fall Symposium Save
the date

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I'd like to begin my first Chair's Corner by thanking the section leadership and all of our volunteers for their hard work and dedication. We sometimes forget this is a volunteer organization and every contribution is beyond the call, usually taking away from the other, more important, obligations of life. So, please join me in a warm acknowledgement of all the efforts of all the section volunteers. (In fact, if you know someone who has volunteered, drop them a quick email. One of those few opportunities we have to so easily brighten someone's day.)

The bylaws tell me that the section chair is supposed to provide strategic directions and leadership in enhancing the effectiveness of the section. However, as we move into the leisurely months of summer, I expect few to be in the mood for such heavy topics. These are the months for waxing philosophically as we lounge on the beach or enjoy a barbecue. Whether cutting the lawn or sunning in the pool, the season is better suited to introspective rather than strategic thought. So, go out ... enjoy your summer ... take in all amenities that a great city like Chicago has to offer.

However, as you are out enjoying, remember that your section chair has given you the 1st in a series of HOMEWORK ASSIGNMENTS. (Give me a break, I'm a professor, it's in my blood.)

Assignment #1: Why does the local section exist?

If you find this question too esoteric, then try these more down to Earth questions: Why do you participate in the local section? Is it just to build your resume or is there something more to

it? Do you enjoy the ChE camaraderie at those monthly meetings or are you solely interested in the technical presentations? Why devote hours to the newsletter or helping with the annual symposium? What is your motivation?

Please submit your answers by August 1, 2007 for inclusion in the next edition of Columns. (Send to aichechicom@aiche-chicago.org with "Assignment 1" in the subject line.) Include in your email: your name, title and company, or feel free to submit an anonymous contribution (we can keep a secret).

Well, that's it for my first Chair's Corner. Next time we'll get back to the more serious topics, but for now enjoy your summer. It only comes once a year.

- Donald J. Chmielewski
AIChE Chicago Chair
Chmielewski@iit.edu



AIChE-Chicago Symposium 2007

Recent Developments in Refining, Energy, and Biotechnology

September 25th and September 26th, 2007
At the University of Illinois at Chicago (UIC), Chicago, IL
<http://www.aiche-chicago.org/symposium>

TUESDAY

Morning Session: Refining Technology

As a follow-up to last year's symposium, the Chicago Section of AIChE will provide a half day of additional information on refinery technology. We will be including some of the papers presented at this year's AIChE Spring Conference, including some from a special topical conference: AIChE 10th Topical Conference on Refinery Processing. We also hope to hear from BP about the refinery expansion projects in the Chicago area. We are also looking for presentations on unusual feeds to refinery processes.

Chair: Jerry Wilks, CITGO, gwilks@citgo.com

Co-Chair: Ade Ogunrinde, CITGO

Afternoon Session: Energy Conservation Technology

The production and use of energy and power is a very topical subject in today's world of high fuel prices and increasing scrutiny of greenhouse gas production. Economic and political or regulatory incentives are driving the need for more efficient use of energy in most industries. The same incentives are encouraging more efficient and effective production and delivery of power and energy. This session will highlight new developments in these areas with presentations on new technologies and methodologies for more efficient and effective production, delivery, and use of energy and power.

Chair: Michael A. Schultz, UOP Honeywell, mike.schultz@uop.com

Co-Chair: Kevin Taylor, AIChE - Detroit, K2356@aol.com

WEDNESDAY

Morning Session: BioFuels Technology

Biofuels are becoming an integral part of modern "green" technology. Non-petroleum derived transportation fuels are expected to help us reduce our appetite for imported oil. The presentations in this session describe how these technologies are evolving and some of the forces driving that evolution.

Chair: Pat Shannon, Middough Consulting, Shannoph@middough.com

Co-Chair: Jerry Palmer, Ambitech

Afternoon Session: Food Processing Technology

How do chemical engineers contribute to a safe, nutritious and delicious food supply? What are the current critical issues in the food industry? Speakers from industry and government will discuss how we are designing food plants to be sanitary, how we are modeling the dynamics of food contamination incidents, and other ways in which chemical engineers and chemical engineering principles are applied.

Chair: J. Peter Clark, Consultant and Institute of Food Technologists (IFT) Liaison, jpc@att.net

Co-Chair: David Dixon, Middough Consulting

Don't Miss this Symposium on Leading-Edge Technologies!
Register NOW at <http://www.aiche-chicago.org/symposium>



NOMINATIONS REQUESTED FOR THE ERNEST W. THIELE AWARD

The Ernest W. Thiele award is sponsored by BP and recognizes the outstanding contributions to our profession by a Midwest region chemical engineer. This award was established by the AIChE Chicago Section and is presented annually to a Midwest region AIChE member. This internationally recognized award consists of an engraved plaque and \$1000 honorarium presented at our sectional meeting.

Nomination forms and additional information can be obtained from the Thiele Committee Chair.

Thank You for your recent nominations and this years Thiele award recipient will be announced soon. One of the highest honors a distinguished chemical engineer can receive is our Chicago Section Thiele award. Please consider nominating a deserving engineer for this prestigious award.

Jim Simnick
BP Amoco Complex, J-8
150 W. Warrenville Road
Naperville, IL 60566



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ILLINOIS INSTITUTE OF TECHNOLOGY

JOB POSTINGS



SUMMARY: PyroPhase Inc. is scaling up and commercializing RF technology to produce oil from Utah tar sands and oil shale. The technology, originally developed in the 1970's and 1980's with DOE sponsorship, heats the resource volumetrically within an array of electrodes in boreholes, liquefying the organic material. We are looking to fill to positions and we offer competitive salary and benefits.

POSITION: Project Engineer

POSITION: Project Manager

REPORTS TO: Project Manager

REPORTS TO: General Manager

We are seeking chemical or petroleum engineers to design and conduct laboratory and field experiments, construct equipment and instrumentation, evaluate and scale up system performance, and interface with suppliers and consultants.. This job involves extensive periods of time at a field experiment site near Vernal Utah.

We are seeking an experienced project manager to see that all parts of the project come to successful conclusion, including computer simulation, lab measurements, engineering design, staff and consultant leadership, field experiment organizing and execution, and transition to commercial scale.

Please submit resume and cover letter for any of the two positions listed to:

Dr. Richard Snow, Chief Scientist

PyroPhase Inc.
5000 S. Cornell Ave 18C
Chicago IL 60615-3035
rhsnow@sbcglobal.net
773-324-8645

We want you for AIChE-Chicago!

We need your help!

How many opportunities can you find to learn project management, delegation and leadership skills for free? Becoming an officer in the Chicago Section of AIChE is such an opportunity. While you're learning new skills, your local network grows. Just about all of us are either undergoing a career change, contemplating a career change, or are wondering if our career will be changed for us. Volunteering with AIChE is a way to add skills and accomplishments to your resume.

aichechicom@aiche-chicago.org

<http://www.aiche-chicago.org/volunteerrequest.htm>



SUBMITTING ARTICLES TO AICHE COLUMNS

We are now initiation a regular Newsletter and are welcoming people to e-mail any material they would like to appear on the newsletter. These can be job postings, advertisements for upcoming committee meetings, articles, general advertisements or anything else you may want to submit. To submit material e-mail your material to aichechicom@aiche-chicago.org with "newsletter article request" as a subject heading.



AICHE Publicity Committee Fees

	Academic (non-AICHE)		Company		Recruiters	
	Per Month	Per Year	Per Month	Per Year	Per Month	Per Year
Advertisements (3X3)	100	450	150	675	N/A	N/A
Half-Page (~7"x 4.5")	280	1260	420	1890	N/A	N/A
Job Posting (Size?)	50	225	100	450	250	N/A
Special Sizing	Contact Publicity Committee					

- For the purchase of a year ad, customers have the option of changing ads/jobs month to month.
- They are not stuck with the same ad/logo for the whole year.
- Student and AIChE Member Related Postings are Free

