



New Jersey Section

NJAIChE Newsletter

NJ's oldest section – over 50 years of service

Volume 15 Issue 1

January 2008

New Year Welcome

On behalf of Geoff D'Netto, our newly elected Chairperson, I want to wish all of you, your colleagues and your families a healthy, prosperous and successful new year. We look forward to seeing you at one or more of our meetings. If you have not paid your local section dues (Section 032), please consider doing so and supporting our educational activities.

In 2008 we will celebrate the 100th anniversary of the founding of AIChE. As members, we share in the great accomplishments that chemical engineers have brought to this country and the world and can look forward to a future where we'll build on the past accomplishments to reduce emissions, increase the use of alternative energy sources, and improve the health of everyone on the planet.

We have some great programs in the past year and I thank all who contributed and who attended. In 2008, our first presentation will deal with optical fibers that have revolutionized communications. Later this year, we hope to have a presentation on global warming and a plant visit to our local refinery/petrochemical complex.

David Greene
Fellow, AIChE
Chair-Elect

2008 Section Officers

Chairperson:

Geoffrey D'Netto

Chair-Elect:

David Greene

Treasurer:

Patricia Forgang

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Andrew Soos

Past Chair:

Yasha Zelmanovich

Directors:

Chandra Nair
Phil Messina
Todd Salamone
Ken Carlson
Eric Gulliver
Yong Zheng

Director Emeritus:

Frank Dittman

If you are receiving a hard copy of this newsletter and you have an email address, please send it to membership@njaiche.org so we can send you our monthly meeting notices as well. Thanks



National Engineer's Week: February 17-23

The National Engineers Week Foundation, a formal coalition of more than 75 professional societies, major corporations and government agencies, is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers among young students and by promoting pre-college literacy in math and science. Engineers Week also raises public understanding and appreciation of engineers' contributions to society. Founded in 1951 by the National Society of Professional Engineers, it is among the oldest of America's professional outreach efforts.

Engineers design structures to stand up to earthquakes and they travel into outer space. From computer chips to potato chips, their work makes a world of difference in our lives. They are practical inventors and problem solvers. Engineers and their work are everywhere!

Join the section support of National Engineer's Week by going to your local school, YMCA/YWCA, library of whatever group and telling them you are proud to be an engineers and this is what I do as well as how one learns to be an engineer. Start with the schools that your children go to for example. You can go to: www.eweek.org for further information, programs and hints.

You can also contact Andy Soos (andysoos@optonline.com or 908-604-2693) or any section officer for advice or financial assistance.

Xmas Party

On December 11th our section had a holiday party. There was fun and drinking games (courtesy of Salamon and Zheng). We played Pictionary and Taboo and at the end we had a contest for sickest picture of them all!

2007 College Bowl

This year it was a slugfest between arch rivals Princeton and Rutgers with Princeton winning the coveted Bowl victory. Seton Hall finished third with NJIT fourth.

Andy Soos was the supreme moderator of the Bowl with Todd Salamon and Chandra Nair as the expert judges. Glenn DiGiovanni performed superbly as the time keeper. Laura Olivar distributed the questions.



Xmas Party





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Contact the section
secretary for details and
questions.



XMAS PARTY SHOTS



2006 College Bowl: In order left to right: NJIT, Rutgers, Princeton and Seton Hall





AIChE Centennial Celebration

We are 100 years young in 2008! The major celebrations will be in November 2008.

Chemical Heritage Foundation Chemical Engineering History Website

The centennial will be more than a celebration. It's an opportunity to create materials and an online presence that build recognition of the achievements and contributions of the chemical engineering profession not just among chemical engineers and chemical engineering students, but also among high school science teachers and their students and interested members of the public.

A Century of Triumphs: Fifteen Lasting Chemical Engineering Achievements

The hallmark of chemical engineers in AIChE's century of existence has been their contributions to society's well being and standard of living. To celebrate these accomplishments at its Centennial, AIChE is compiling a list of *Fifteen Lasting Chemical Engineering Achievements*.

Chemical Engineers of Note

The Awards and Recognition Subcommittee of AIChE's Centennial Celebration Committee is developing lists of 100 engineers of the modern era and 50 heritage chemical engineers, as well as other individuals and groups who have made significant contributions to the profession.

Future Focus

In addition to a look back at past achievements, centennials are an important opportunity to communicate an organization's growth and vision for the future. While AIChE will use its centennial year to unveil a new strategic plan for the Institute, we also have the opportunity to engage the profession's thought leaders on how they see the discipline of chemical engineering evolving and what they see as the major challenges of the next 25-50 years. Such predictions can generate energy and enthusiasm among young practitioners of the profession, and can be the basis for generating interest and excitement, through public relations efforts, in the media and among broader audiences. The AIChE Centennial Celebration Committee will survey honored individuals (Eminent Chemical Engineers) as well as student leaders about their visions of the future of chemical engineering.

Mini Histories

The Centennial Celebration Committee is inviting all chemical engineering departments at universities to honor two outstanding chemical engineers of their choice by creating a mini-history of their lives and careers. The distinguished individuals can be related in any way to the university- faculty, alumna/us, or supporter.

Centennial ChemE Car Competition

In a survey of students regarding their ideas for ways that AIChE should mark its centennial, a suggestion that students be challenged in a contest that might entail some vintage automotive technology. Additionally, 2008 is the centennial of the General Motors Corporation and the 100th anniversary of the debut of Ford's Model T. Therefore, we may have the opportunity to build a special centennial Chem-E Car Competition.

Centennial Outreach Materials

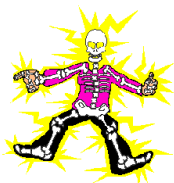
A major online presence, being created by the Chemical Heritage Foundation (CHF) is at the heart of outreach efforts for AIChE's centennial. To extend the reach of that material, this project envisions creating a DVD or CD-ROM based version of some of that material that AIChE volunteer leaders (in local sections, divisions, and student chapters), as well as individual AIChE members, can use in their own grassroots outreach and celebrations.

Centennial in Poetry and Song

In addition to a more serious and technical review of past achievement, and a look at AIChE's vision for the future, the Awards and Recognition Subcommittee of the Centennial Celebration Committee has suggested that the Committee commission a "poet laureate" to commemorate the Centennial in poetry or song. Ed Cussler, a professor at the University of Minnesota, a past president of AIChE, and a gifted speaker has agreed to take on this role.



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