



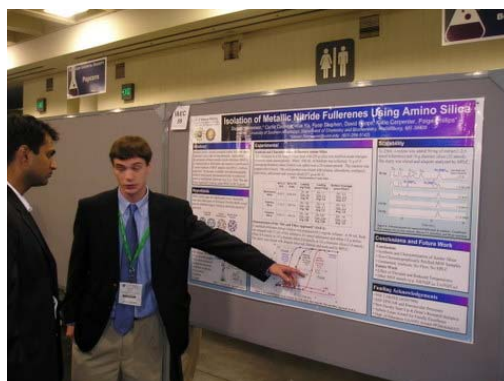
THE AMERICAN CHEMICAL SOCIETY DIVISION OF
**Industrial & Engineering
Chemistry**

Winter-Spring 2007 Newsletter—*Putting Science to Work*

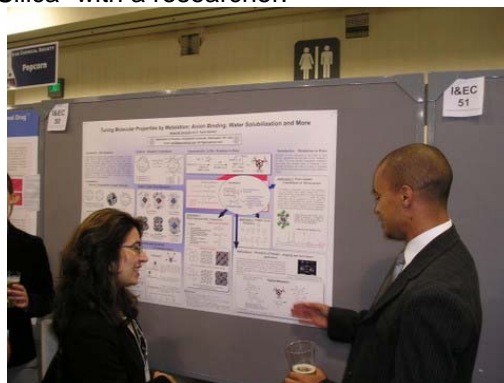
**Photos from the Fall
ACS meeting in San
Francisco.**



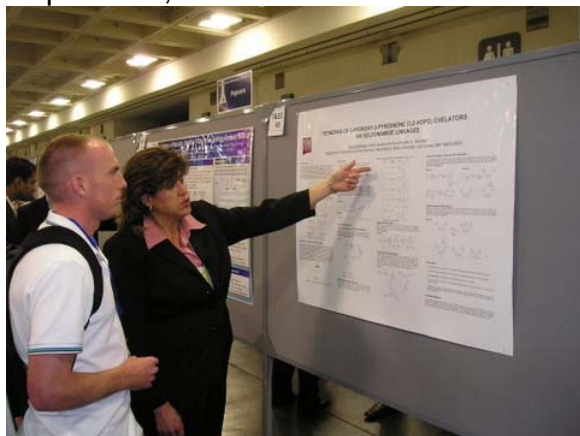
The Moscone Center, San Francisco, where much of the ACS national meeting was held in September, 2006.



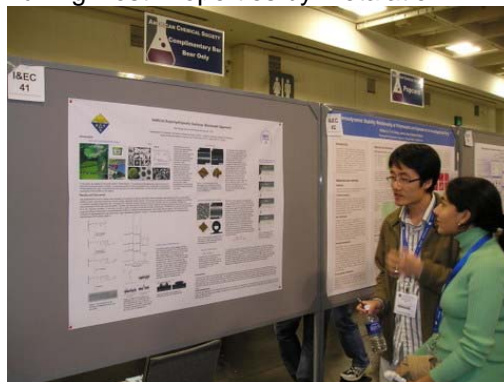
David Combe discusses his poster "Isolation of Metallic Nitride Fullerenes using Amino Silica" with a researcher.



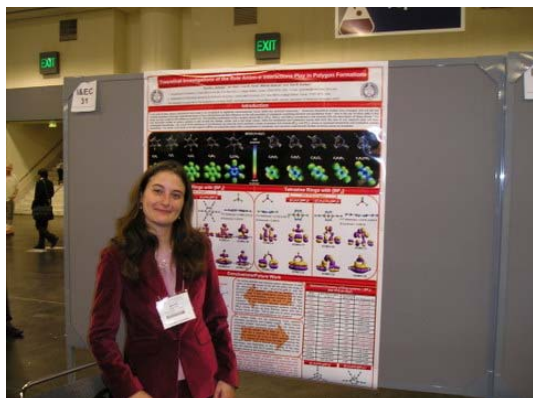
Robert Fairchild goes over his poster "Tuning Host Properties by Metalation".



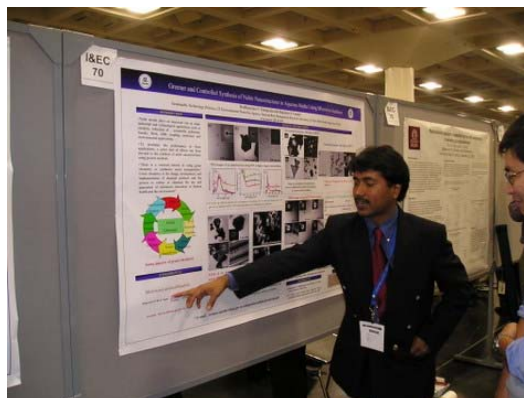
Gloria Martinez explains her poster "Tethering 3,2-HOPO Chelators Via Sulfonamide Linkages".



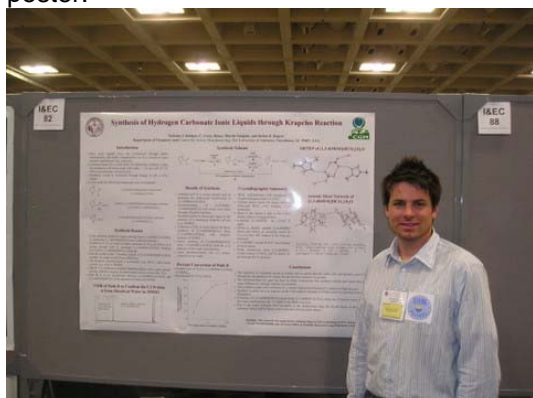
Woo K. Cho explains a point on his poster "Artificial Superhydrophobic Surfaces: Biomimetic Approach".



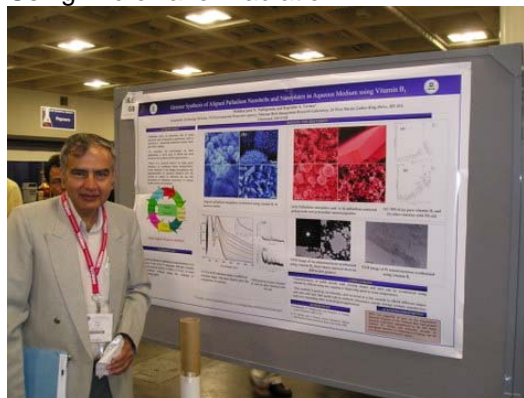
Brandi Schottel displays her “Theoretical Investigations of the Role Anion- π Interactions Play in Polygon Formation” poster.



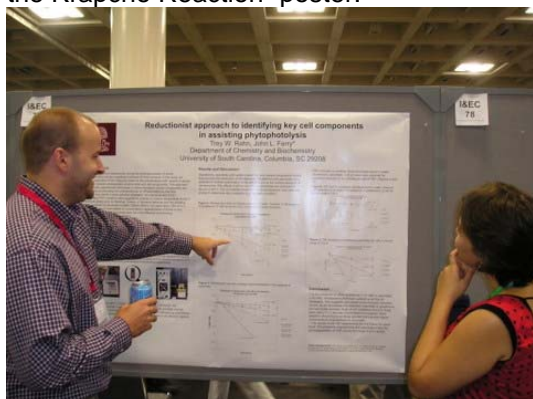
Mallikarjuna Nadagouda discusses his poster “Greener and Controlled Synthesis of Noble Nanostructures in Aqueous Media Using Microwave Irradiation”.



Nicholas Bridges displays his „Synthesis of Hydrogen Carbonate Ionic Liquids Through the Krapcho Reaction“ poster.



Rajender Varma with his poster.



Trey Rahn points out a feature of his data “Reductionist Approach to Identifying Key Cell Components in Assisting Phytophotolysis” to a chemist.



The beautiful Yerba Buena Gardens just across the street from the Moscone Center.

HELP CELEBRATE I&EC's 100th YEAR!

We were the first Division organized in the ACS, back in 1908, and our 100th birthday is coming up. We are planning special events at the 2008 meetings in both New Orleans and Philadelphia. I&EC needs your help in our centennial celebration projects.

We have laid out some ambitious plans for the centennial. These plans include receptions for both the New Orleans meeting and the Philadelphia meeting, relevant symposia at both meetings, and a promotional campaign to educate people about, and call attention to, this significant milestone in both our history and the Society's history. ACS headquarters and the Chemical Heritage Foundation, among others, are now aware of the I&EC Centennial and are beginning to help us along. We expect to get major support also from the industries that I&EC has served so ably in the past 100 years.

We need volunteers to help organize symposia and events in 2008 and to contact companies. Please let the organizers know if you can help out!

We are continuing with plans for the Centennial Book. There is still a need for authors and reviewers. Can you: identify potential authors for the book, review a book chapter, organize or contribute to a symposium on sessions covering related groups of topics under the general title of "I&EC Centennial: Gateway to the Future," or help work on publicizing all these events? If you can help with any of these activities, then *I&EC Needs You!*

A list of topics not yet covered is given below.

- Air separation
- Amoxidation
- Polyamides
- Polyesters
- Sorbex-type separations
- Superconductivity
- Teflon
- Thermosets

Wacker Process & homogeneous catalysis
Ziegler-Natta Polymerization

To volunteer, contact Bill Flank or one of the other I&EC past, present, or future chairs:

Rick Sachleben, Past-Chair (Momenta Pharmaceuticals, rsachleben@momentapharma.com); Mike Matthews, Chair (University of South Carolina, matthews@engr.sc.edu); or Gregg Lumetta, Chair-Elect (gregg.lumetta@pnl.gov); Dr. William H. Flank, Professor, Chemistry & Environmental Science, Pace University, Pleasantville, NY 10570, mwflank@pace.edu.

I&EC Election Results

Based on the results from 134 mailed ballots, Gregg Lumetta was elected to be I&EC Chair-Elect for 2007, Bill Crooks will continue as I&EC Secretary in 2007-2008, and Martin Abraham will continue as Councilor for 2007-2009.

Chair's Message to the I&EC Division

Mike Matthews
Department of Chemical Engineering
University of South Carolina

It's a great time to be an active member of the Industrial and Engineering Chemistry (I&EC) Division! As we prepare to celebrate the centennial of the founding of IEC in 2008, we can take great pride in a century of "Putting Science to Work," which is the motto adopted by our leadership in 2003. Elsewhere in this newsletter you can read more about some of the activities planned in recognition of this event in 2008 at both the New Orleans and Philadelphia national meetings. A book detailing the past and future of the science and engineering behind some of industry's greatest successes is well underway. A series of technical symposia and other articles will appear as well. Make plans to attend the meetings and



the special events commemorating this milestone!

In 2007, I&EC has instituted a new award, the "IEC Fellows Award," which recognizes outstanding research and service with an emphasis on collaborative work. Thanks to the hard work of Dr. Spiros Alexandratos and the awards committee, we are recognizing two outstanding members at the Chicago meeting in 2007. **Dr. Rich Noble** of the Department of Chemical Engineering at the University of Colorado is a leader in the field of separations science, and is a past chair of our Separation Science and Technology Subdivision, as well as the Separations Division of the American Institute of Chemical Engineers. He has published over 200 papers and holds 19 patents in the area of gas separations; facilitated transport in membranes and zeolites is just one of the areas influenced by his work. **Dr. H. S. Muralidhara** is also an expert in separations, with over 25 years experience in industry. Dr. Murali has developed a number of new processes for industrial separations, including a method for removing phospholipids from vegetable oil miscella, a process for producing oilseed protein products, and a process for producing sterols and tocopherols (natural vitamin E). IEC is proud to recognize these outstanding accomplishments. In addition, the **E.V. Murphree Award in Industrial and Engineering Chemistry** for 2007 is awarded to **Dr. Wolfgang Holderich**. This award, which is sponsored through ACS by ExxonMobil, recognizes Dr. Holderich's particular contributions in heterogeneous catalysis. Special symposia in honor of all these scholars are being held in Chicago.

I would like to thank our past-chair, Rich Sachleben of Momenta Pharmaceuticals, as well as all our division and subdivision officers, session chairs, and other volunteers for their hard work and accomplishments in the past year. The names of our officers are listed at the end of this newsletter. The names of our session chairs and other volunteers appear in the various meeting programs and are too numerous to list here. The efforts put forth to organize meetings, communicate with speakers, keep the books, run meetings, and to engage our

division membership are truly inspiring, and we all owe them a great deal.

These volunteer efforts are essential to the value provided by ACS and to our Division in general. The vision of the ACS is *Improving people's lives through the transforming power of chemistry*. While society in general may take many things for granted, those of us "in the business" realize that transformations take place only because of the focused, concerted effort of many people for a long time. The joy of improving people's lives is one of the most powerful benefits of being an ACS member and an I&EC volunteer. I would like to encourage all of you to consider assuming leadership positions where you can make a difference. This could be through one of our subdivisions (Green Chemistry and Engineering; Novel Chemistry With Industrial Applications; Separation Science and Technology, or Industrial Bio-Based Technology); through suggesting and organizing technical symposia, or through helping the division incorporate additional electronic means of disseminating content to our members!

It is a great time to be a member of the Division! See you at the meeting!

**From the Councilor—Spiro D.
Alexandratos, Councilor
2005- 2007**

The Spring 2007 meeting brings to fruition two initiatives undertaken by the Executive Committee. The IEC Division Fellow award program will be launched with two award symposia, one for Prof Rich Noble of the University of Colorado and one for Dr H.S. Muralidhara of the Cargill Corporation. Nominations came entirely from you, the membership, and the two awardees are the first Division Fellows to be named. There will be a new Call for Nominations to be sent to each of you by e-mail in April and the deadline will be May 15. Please participate. This is open to all members of the Division and is a new mechanism to recognize the outstanding work done by members of this Division in applied chemistry and engineering. The award symposia that have been organized are outstanding. Please

attend the sessions and honor your colleagues.

In further showcasing this Division as THE division for applied chemistry and engineering, a multi-session symposium is scheduled for Chicago that is joint with AIChE. Please check C&ENews for scheduling details and attend as many talks as your schedules allow. The symposium organizers have gone to great lengths to ensure absolutely first rate sessions.

All of this is to say that the Division is taking the lead in recognizing the work done by its members and in organizing symposia that are in line with the interests its membership. If this last sentence has led you to think "Well, you haven't organized a symposium in my area of work" - no problem: contact the program chair, Michael Gonzalez. Let him know what area we need to program in. If you would like to organize the symposium, you will find it a painless process - Michael makes it far easier than you might think. And if you don't want to organize the symposium, that's no problem as well: work with Michael to identify who else is doing work in the area you are proposing and the Program Committee will contact the possible organizers.

The bottom line is that this is an inclusive Division: we want you involved in all aspects of the Division. See you in Chicago (come for the chemistry but take a moment to stroll Michigan Avenue - it'll be worth the time).

**Councilor's Report to I&EC,
Spring 2007
Melanie J. Lesko**

For the last two years I have served as an associate member of the Meetings and Expositions (M&E) Committee. I now have a two year appointment as a full member of M&E. There are 6 subcommittees of M&E and I am appointed to two of those, expositions and finance. The other subcommittees are meeting site selection, regional meetings, technical programming and meeting logistics.

The expositions subcommittee considers how to make the expo better for the members and for the exhibitors and sets booth prices and times that it will be open

during the national meetings. We also consider the floor layout and new features that pull more members in, e.g. the "town hall" area near the center of the exhibit floor where mini-seminars are held by exhibitors throughout the show.

The finance committee recommends meeting registration fee changes to the whole committee after consideration of the meeting costs and income. For example, the increased use of LCD projectors and now adding a laptop to every meeting room adds a cost to the meeting. The divisions wanted this change, but it meant an increase in meeting registration fees.

After the subcommittee meetings the whole M&E committee considers their recommendations and forwards those that pass along to the ACS Council. It also addresses any general items of business from the Board or Council, particularly those affecting meeting attendees and logistics. Quite often there are a number of items of business in M&E that directly impact I&EC programming functions, which I bring back to the executive and/or programming committees during the national meeting.

Prior to my service on M&E I was a member of the Divisional Activities Committee (DAC). I am very interested to see what will eventually come from DAC regarding the dues allocations to divisions. That process of change began while I was on DAC, but it is evolving slowly. I have also served on the Women Chemists Committee and Constitution and Bylaws. Thus I have quite a bit of experience in the ACS committees which I try to use to the benefit of I&EC. I would welcome any feedback, concerns or questions on this committee and its area of responsibility, or others of interest to you, via email at leskom@tamug.edu.

**I&EC Division Supports
Regional Meetings**

The I&EC Division supported the Southeast Regional Meeting (SERMACS) held in Augusta GA November 1-4, 2006. A total of \$1,000 (Silver level sponsorship) was provided to SERMACS based on a request from Tom Crute, who handled programming for SERMACS. These funds helped sponsor

a 4-hour workshop for Industrial chemists entitled "Natural Gas Supply Management" that was offered through the Georgia Institute of Technology. The I&EC Division welcomes requests from all regional ACS chapters; we hope to expand support of regional meetings soon.

Novel Chemistry with Industrial Applications (NCIA) Subdivision

Joseph R. Zoeller

Purpose of the Subdivision

The purpose of the subdivision is to provide a forum for the dissemination of novel and interdisciplinary chemistry directed toward industrial applications in traditional and non-traditional chemistry related industries.

While the subdivision shares the traditional role of the I&EC to publicize chemistry and engineering leading to cheaper, cleaner, and less energy intensive production method, the sub-division is unique in that it also seeks to promote the discussion of:

- a) Chemistry in industries not traditionally considered a purely chemical enterprise, such as electronics, transportation, security, communications, defense, etc..
- b) Chemistry imbedded in multidisciplinary research efforts and industries, such as biotechnology, nanotechnology, and electronics.

Chemistry in these arenas is rapidly evolving, but since they cross traditional disciplines and are often in non-traditional chemical industries, they often lack a good home elsewhere in ACS.

Organizational Announcements

As of November, we had 182 registered members in the subdivision. The subdivision is now large enough to transition from a provisional status to a fully operating subdivision. We have submitted by-laws for approval by the Industrial and Engineering Chemistry Subdivision and should have them submitted to the membership in the next few months. This should be followed up by elections this summer for a chair elect.

In addition, to provide the requisite number of officers, Jerry Spivey (Chemical Engineering professor, Louisiana State University) has agreed to serve as the subdivision chair next year at which time elections will be held to select a chair elect. Joe Zoeller, the current sub-division chair will serve as past chair and will assume Jerry's role as programming chair.

Annual Meeting

We will be holding the subdivision Annual meeting at the Spring National meeting in Chicago, The date and location are Sunday, March 25, between 2-4PM in the Burnham Room of the Hyatt Regency in Chicago.

Symposia

At the Fall, 2006 national ACS meeting in San Francisco, the sub-division sponsored on:

- 1) **Process Intensification** (organized by Yong Wang, Jamie Holladay, and Galip Akay and co-sponsored by the American Institute of Chemical Engineers)
- 2) **In-Situ Spectroscopic Monitoring in Process Development and Production** (Organized by Paul Barrett and Joe Zoeller and Co-sponsored by the Analytical Division)
- 3) **Industrial Applications of Computational Chemical Structure Modeling** (Organized by Anthony Cugini, David Sholl, and Hongmei Wen, Co-sponsored by Polymer Sciences and Materials Engineering)

I would like to thank each of the organizers for their efforts.

Unfortunately, the programming in 2007 does not look to be as ambitious as in 2006. As we develop programming for Fall 2007 and beyond, we have only one committed symposium, **Chemicals from Alternative Resources** (being organized by Jerry Spivey, LSU, and Joe Zoeller, Eastman Chemical Company) which is scheduled for the Spring 2008 National Meeting in New Orleans. Additional topics that are under consideration are symposia on *Materials for a Green Living Space*, *Biodegradable Polymers*, and a rescheduled *Chemistry in*

the Electronics Industry. If you know, or can suggest, people with an interest in organizing symposia in these areas, or any evolving topic of interest to you that or one of your colleagues would like to see as part of the programming contact either Joe Zoeller (jzoeller@eastman.com) or Jerry Spivey (jjspivey@lsu.edu) with your ideas and we will see what we can do.

Invitation to Join the Novel Chemistry with Industrial Applications Sub-Division:

If you feel the Novel chemistry with Industrial Applications subdivision is a worthy endeavor on the part of the Industrial and Engineering Chemistry Division, we would like to hear from you and have you join the subdivision. There is no additional cost. Simply contact the sub-division chair, Joe Zoeller, by email at jzoeller@eastman.com, or if you prefer, by mail at Eastman Chemical Co., P.O. Box 1972, Kingsport, TN 37662-5150 or phone at 1-423-229-5684 to join the sub-division or to get additional information.



I&EC Division and Subdivision Web Sites
I&EC Division
http://membership.acs.org/I/IEC/
IBT Subdivision
http://membership.acs.org/I/IEC/html/ibt/ibt.html
SST Subdivision
http://membership.acs.org/I/IEC/html/sst/default.htm
GCE Subdivision
http://membership.acs.org/I/IEC/html/GCE/gce.html
AMN Subdivision
http://membership.acs.org/I/IEC/html/amn/amn.html
NCIA Subdivision
http://membership.acs.org/I/IEC/html/ncia/ncia.html

Chicago Meeting Schedule for the Division Officers

Sunday; March 25, 2007

IEC Steering Committee Meeting; 10:00AM - 12:00PM; Burnham Room, Hyatt Regency Chicago
 NCIA Sub-Division Meeting; 2:00PM - 4:00PM; Burnham Room, Hyatt Regency Chicago
 SS & T Sub-Division Meeting; 6:00PM - 8:00PM; Burnham Room, Hyatt Regency Chicago

Monday, March 26, 2007

IEC Programming Meeting; 7:00AM - 8:30AM; Burnham Room, Hyatt Regency Chicago
 IEC Executive Council Meeting; 5:30PM - 8:00PM; Burnham Room, Hyatt Regency Chicago

Tuesday, March 27, 2007

IEC Business Meeting; 5:30PM - 8:00PM; Burnham Room, Hyatt Regency Chicago

DIVISION OF INDUSTRIAL & ENGINEERING CHEMISTRY

Sunday, 25 March 2007

MORNING

8:30 AM-11:35 AM

[Nanotechnology and the Environment: Focus on Green Nanotechnology](#)

Cosponsored with Division of Inorganic Chemistry

Section B McCormick Place North -- Room N427D, Level 4

8:30 AM-11:40 AM

[Sustainability and Chemical Education: Industry's Perspective](#)

Cosponsored with Division of Industrial & Engineering Chemistry, Committee on Environmental Improvement, and Sustainability of Energy, Food, and Water

Section D McCormick Place North -- Room N229, Level 2

8:30 AM-11:50 AM

[I&EC Division Fellow Award: Symposium in Honor of Richard Noble](#)

Section A McCormick Place North -- Room N427 B/C, Level 4

AFTERNOON

1:30 PM-4:35 PM

[Nanotechnology and the Environment: Focus on Green Nanotechnology](#)

Cosponsored with Division of Inorganic

Chemistry

Section B McCormick Place North --
Room N427D, Level 4

1:30 PM-4:50 PM

**I&EC Division Fellow Award:
Symposium in Honor of Richard Noble**

Section A McCormick Place North --
Room N427 B/C, Level 4

Monday, 26 March 2007

MORNING

8:30 AM-11:35 AM

**ACS and AIChE Symposium on Applied
Chemistry and Engineering**

*Cosponsored with American Institute of
Chemical Engineers*

Section B McCormick Place North --
Room N427D, Level 4

8:30 AM-12:10 PM

**Calixarenes: State of the Art and
Perspectives**

*Cosponsored with Division of Nuclear
Chemistry & Technology*

Section A McCormick Place North --
Room N427 B/C, Level 4

AFTERNOON

1:30 PM-4:25 PM

**ACS and AIChE Symposium on Applied
Chemistry and Engineering**

*Cosponsored with American Institute of
Chemical Engineers*

Section B McCormick Place North --
Room N427D, Level 4

1:30 PM-4:45 PM

**Calixarenes: State of the Art and
Perspectives**

*Cosponsored with Division of Nuclear
Chemistry & Technology*

Section A McCormick Place North --
Room N427 B/C, Level 4

EVENING

8:00 PM-10:00 PM

Sci-Mix

Section A Hyatt Regency Chicago --
Riverside Center

Tuesday, 27 March 2007

MORNING

8:30 AM-11:35 AM

**ACS and AIChE Symposium on Applied
Chemistry and Engineering**

*Cosponsored with American Institute of
Chemical Engineers*

Section B McCormick Place North --
Room N427D, Level 4

**E. V. Murphree Award in Industrial and
Engineering Chemistry: Symposium in
Honor of Wolfgang F. Holderich**

Section A McCormick Place North --
Room N427 B/C, Level 4

**Nanotechnology and the Environment:
Focus on Green Nanotechnology**

*Cosponsored with Division of Inorganic
Chemistry*

Section C McCormick Place North --
Room N227B, Level 2

AFTERNOON

1:30 PM-3:40 PM

**ACS and AIChE Symposium on Applied
Chemistry and Engineering**

*Cosponsored with American Institute of
Chemical Engineers*

Section B McCormick Place North --
Room N427D, Level 4

1:30 PM-4:35 PM

**E. V. Murphree Award in Industrial and
Engineering Chemistry: Symposium in
Honor of Wolfgang F. Holderich**

Section A McCormick Place North --
Room N427 B/C, Level 4

1:30 PM-5:40 PM

**I&EC Division Fellow Award:
Symposium in Honor of H.S.
Muralidhara**

Section C McCormick Place North --
Room N227B, Level 2

EVENING

8:00 PM-10:00 PM

General Posters

Section A Hyatt Regency Chicago --
Riverside Center

**Joe Breen Student Poster Session in
Green Chemistry**

*Cosponsored with the Green Chemistry
and Engineering Sub-Division*

Section B Hyatt Regency Chicago --
Riverside Center

Wednesday, 28 March 2007

MORNING

9:00 AM-11:10 AM

ACS and AIChE Symposium on Applied Chemistry and Engineering

Cosponsored with American Institute of Chemical Engineers

Section B McCormick Place North --
Room N427D, Level 4

9:00 AM-11:35 AM

Nanotechnology for Contaminated Site Remediation

Section A McCormick Place North --
Room N427 B/C, Level 4

10:00 AM-12:00 PM

Hog Butchers, Tool Makers, and Stackers of Wheat: Chicago-Area Chemical Industry and Government-Sponsored Laboratories

Cosponsored with ACS Chicago Section, Division of Industrial & Engineering Chemistry, Division of Professional Relations, and Division of Small Chemical Businesses

Section B Hyatt Regency McCormick --
20C

AFTERNOON

1:30 PM-4:25 PM

Nanotechnology for Contaminated Site Remediation

Section A McCormick Place North --
Room N427 B/C, Level 4

1:30 PM-4:35 PM

ACS and AIChE Symposium on Applied Chemistry and Engineering

Cosponsored with American Institute of Chemical Engineers

Section B McCormick Place North --
Room N427D, Level 4

Thursday, 29 March 2007

MORNING

9:00 AM-11:35 AM

Remediation of Contaminated Sediments: Challenges and Opportunities

Cosponsored with the Separation Science and Technology Sub-Division

Section A McCormick Place North --
Room N427 B/C, Level 4

AFTERNOON

1:30 PM-4:25 PM

Remediation of Contaminated Sediments: Challenges and Opportunities

Cosponsored with the Separation Science and Technology Sub-Division

Section A McCormick Place North --
Room N427 B/C, Level 4

**UPCOMING PROGRAMMING
FOR BOSTON, 19-23
AUGUST, 2007**

Chemistry in the Electronics Industry -

Cosponsored by the Novel Chemistry with Industrial Application Sub-Division (Oral symposium #10068) Sponsored by Division of Industrial & Engineering Chemistry

Organizer: Calvin Curtis, Chemical Sciences and Nanoscience, National Renewable Energy Laboratory, 1617 Cole Blvd, Golden, CO 80401

Environmental and Economic Metrics for Green Technologies -

Cosponsored by Green Chemistry and Engineering Sub-Division (Oral symposium #10069) Sponsored by Division of Industrial & Engineering Chemistry

Organizers: Michael A. Gonzalez, Sustainable Technology Division, United States Environmental Protection Agency, 26 West Martin Luther King Drive, Mail Stop 466, Cincinnati, OH 45268; Philip G. Jessop, Department of Chemistry, Queen's University, Kingston, ON K7L 3N6 Canada

Feedstocks for the Future II: Renewables for the Production of Chemicals and Materials -

Cosponsored by the Green Chemistry and Engineering Sub-Division (Oral symposium #10090) Sponsored by Division of Industrial & Engineering Chemistry

Organizer: Joseph J. Bozell, Forest Products Center - Biomass Chemistry Laboratories, University of Tennessee, 2506 Jacob Drive, Knoxville, TN 37996

Formulating Green Products through Informed Substitution -

Cosponsored by the Green Chemistry and Engineering Sub-Division (Oral symposium #10103) Sponsored by Division of Industrial & Engineering Chemistry

Organizer: Clive Davies, Office of Pollution Prevention and Toxic Substances, US Environmental Protection Agency, 1200 Pennsylvania Avenue NW, Mail Stop 7406M, Washington, DC 20460

Green Chemistry and Engineering with Gas Expanded Liquids and Near-critical Media - Cosponsored by the Green Chemistry and Engineering Sub-Division (Oral symposium #10100) Sponsored by Division of Industrial & Engineering Chemistry

Organizers: Aaron M. Scurto, Department of Chemical and Biomolecular Engineering, University of Notre Dame, 182 Fitzpatrick Hall, Notre Dame, IN 46556; Keith W. Hutchenson, Central Research & Development, DuPont, P.O. Box 80304, Wilmington, DE 19880-0304; Bala Subramaniam, Department of Chemical & Petroleum Engineering, University of Kansas, Center for Environmentally Beneficial Catalysis, 1501 Wakarusa Drive, Lawrence, KS 66047

IEC Poster Session (Poster symposium #10066) Sponsored by Division of Industrial & Engineering Chemistry

Organizer: Hollie K. Jacobs, Department of Chemistry and Biochemistry, New Mexico State University, Las Cruces, NM 88003

Synthetically Useful Organic Molecules from Renewable Resources (Oral symposium #10067) Sponsored by Division of Industrial & Engineering Chemistry

Organizer: James T. Ciszewski, Sustainable Technology Division, United States Environmental Protection Agency, 26 West Martin Luther King Drive, Cincinnati, OH 45268

Joint ACS/AIChE Programming 235th - ACS National Meeting & Exposition April 6-10, 2008, New Orleans, LA

The American Chemical Society (ACS) and the American Institute of Chemical

Engineers (AIChE) will hold their respective spring meetings over the same dates in New Orleans in 2008—April 6-10. As a result, there are **several opportunities for both individual and joint programming** as described below.

ACS The ACS Technical Divisions¹ will produce a technical program as they normally do for the bi-annual national meetings. All symposia will be entered through the ACS OASYS system and will be held at the Morial Convention Center and ACS hotels.

The overarching theme for the New Orleans meeting is Energy and the Environment, which is endorsed by President-Elect Bruce Bursten. The theme will serve as a forum for joint ACS/AIChE sessions and related symposia. Themed symposia as well as Presidential symposia will be entered through the ACS OASYS system and will be held at the New Orleans Morial Convention Center and ACS hotels.

AIChE The AIChE National Programming Committee² (NPC) groups will produce an enhanced AIChE Spring Meeting, with the intent to combine programming traditionally held at the AIChE Fall Meeting with the Spring Meeting. Symposia will be entered through the AIChE Confex system and will primarily be held at the New Orleans Hyatt, the AIChE headquarters hotel.

ACS/AIChE Joint-Society Thematic Programming. The AIChE/ACS Programming Work Group, cochaired by Kelvin Lee (AIChE, KHL9@cornell.edu) and Mike Morello (ACS, mike_morello@quakeroats.com) will develop a joint-society symposium – a showcase event – early in the week of the meeting. All symposia will be entered through the ACS OASYS system and will primarily be held at the New Orleans Morial Convention Center.

Cosponsored Symposia. The ACS Technical Division Program Chairs and the AIChE NPC Groups will coordinate with their counterparts within each Society to develop cosponsored symposia of interest to both groups with the goal of attracting attendees from both societies. All jointly cosponsored symposia should be entered into the ACS OASYS system, and will be held at the New Orleans Morial Convention Center or ACS hotels. The ACS Department of Division Advancement will send an email to all

program chairs for Chicago and Boston, current division officers and councilors, and other interested groups to inform them of the co-located meeting and the opportunity to program cooperatively between the two societies. The ACS Program Chairs are encouraged to contact their counterparts in the AIChE NPC Groups, AIChE divisions and forums² to discuss coprogramming opportunities.

Meeting Registrations

ACS and AIChE registrations will be through each society's separate registration systems. AIChE Spring Meetings normally have fewer attendees than ACS Spring Meetings (~1,500 vs. ~11,000). As an incentive, AIChE is offering its members the opportunity to register for both the Spring and Fall meetings at a combined (reduced) rate. **Registrants in either society will be able to attend all technical sessions of either society and the ACS Expo.** This creates the opportunity for ACS divisions and the AIChE NPC groups to create joint or stand-alone programming that is attractive to both society members.

Meeting Publications

ACS uses the OASYS system as the primary source for publication of the ACS National Meetings in print, CD-ROM (abstracts), and on the Web. Any joint programming or symposia that ACS wants to include in its publications should therefore be entered from the beginning into the ACS OASYS system. This approach will help to manage the meeting room assignments by the ACS logistics team.

¹The ACS National Meeting programs are developed by the ACS Technical Divisions. Contact information for the current ACS Program Committee Chairs can be found on the OASYS submission pages for Chicago (<http://oasys.acs.org/acs/233nm/oasys.htm>) and Boston (<http://oasys.acs.org/acs/234nm/oasys.htm>).

²The AIChE National Meeting programs are developed by the AIChE National Program Committees (NPC). Contact information for the NPC groups can be found at: <http://www.aiche.org/Conferences/Resources/NPCmembers.aspx>. AIChE also has divisions and forums, which can be found at: <http://www.aiche.org/DivisionsForums/ViewAll/index.aspx>.

I&EC Subdivision Programming Chairs

Industrial Biobased Technologies

Ramani Narayan
Prof Chem & Biochem Engineering
Department of Chemical Engineering
2527 Engineering Bldg
Michigan State University
East Lansing, MI 48824
narayan@msu.edu

Green Chemistry and Engineering

Ahmadali (Alex) Tabatabai
155 Peddlers Drive
Branford, CT 06405
Ph: 860-870-1258 or 203-481-3649
alextabai@yahoo.com

Separation Science and Technology

Amudhu Gopalan
Department of Chemistry and Biochemistry
New Mexico State University Las Cruces,
NM 88003-8001
505-646-2589
agopalan@NMSU.edu

Novel and Applied Industrial Chemistry

James J. (Jerry) Spivey
James M. Shrivvers Professor
Department of Chemical Engineering
Louisiana State University
S. Stadium Drive, Baton Rouge, LA 70803
jjspivey@lsu.edu
www.che.lsu.edu/faculty/spivey/index.htm
Phone: (225)-578-3690
Fax: (208)-445-5569

Advanced Materials and Nanotechnology

(Open)

Industrial & Engineering Chemistry Division Officers (Bold) and Executive Committee Members for 2007

Position	Term	Name	E-mail
Chair	2007	Michael A. Matthews	matthews@enr.sc.edu
Chair-elect	2007	Gregg Lumetta	gregg.lumetta@pnl.gov
Past-Chair	2007	Rick Sachleben	rsachleben@momentapharma.com
Treasurer	2006 - 2007	Rebecca M. Chamberlin	rmchamberlin@lanl.gov
Secretary	2007 - 2008	Bill Crooks	crooks@lanl.gov
Councilor	2005 - 2007	Spiro Alexandratos	alexsd@hunter.cuny.edu
Councilor	2006 - 2008	Melanie Lesko	Leskom@tamug.tamu.edu
Councilor	2006 - 2008	Ken Nash	knash@wsu.edu
Councilor	2004 - 2006	Martin Abraham	martin.abraham@utoledo.edu
Program Chair	2006 - 2007	Michael Gonzalez	gonzalez.michael@epa.gov
Program Secretary		(open)	
Web/Newsletter	2006 - 2007	Dustin James	dustin@rice.edu
Book Pubs/Publicity	2004 - 2006	(open)	
Awards		(open)	
Membership	2006 - 2007	Steven Cooke	scooke@sprynet.com
Parliamentarian	2004 - 2006	Robin Rogers	RDRogers@bama.ua.edu
Industrial Relations		(open)	
Historian	2004 - 2008	Ralph Gatrone	rgatrone@vsu.edu
Subdivisions			
SS&T Chair	2007	Amudhu Gopalan	agopalan@NMSU.edu
SS&T Chair Elect*	2007	Dean Peterman	dean.peterman@inl.gov
SS&T Vice-Chair Elect*	2007	Paul Sylvester	psylvester@solmetex.com
GC&E Chair	2007	Julie Zimmerman	julie.zimmerman@yale.edu
GC&E Chair-elect *	2007	(open)	
IBT Chair	2007	Graham G Swift	GrahamGswift@aol.com
AMN Chair	2007	(open)	
AMN Chair-elect *	2007	(open)	
NCIA	2007	Joe Zoeller	jzoeller@eastman.com

* Non-executive committee positions