Drs Ruben Carbonell and Bruno Notari Named 2008 I&EC Division Fellows

Drs Ruben Carbonell and Bruno Notari have been named as recipients of the second annual I&EC Division Fellows Award. They were chosen from an impressive list of outstanding nominees.

Dr Carbonell is the Frank Hawkins Kenan Distinguished Professor of Chemical Engineering at North Carolina State University and Director of its William R. Kenan, Jr. Institute for Engineering, Technology and Science. He is named on 25 patents and is author or co-author of 190 publications. He was nominated by Dr Peter Kilpatrick, who wrote in his letter of nomination: "He was among the first chemical engineers in the country to contribute to immobilized enzyme reactors and applied biotechnology in the early 1970s. He returned to this theme repeatedly throughout his career and his breakthroughs of the past few years in applying chemistry and engineering principles to solving important problems is reason enough to award him this recognition. However, in addition to his work in biotechnology and bioseparations ... he has also made sustained and well cited contributions to dispersion and multiphase flow in trickle bed reactors, to novel supercritical fluid-based dip coating processes for microelectronic applications, to eliminate particle contamination in microelectronics, to polymer swelling, and to many other areas of applied chemistry and engineering.”

Dr Bruno Notari was the Director of Chemistry and Materials Research at ENI (now retired). He is named on 43 patents and was nominated by Dr Kathleen Taylor, who wrote in her letter of nomination:

“Bruno Notari contributions to the field of industrial chemistry and engineering include the discovery of catalysts and chemical processes which have found industrial application and had a profound influence in the chemical and engineering profession. From the long list of accomplishments I selected the discovery of new microporous crystalline catalysts Titanium Silicalite (TS-1), Boron Silicalite and catalysts used for the production of chemicals. These new catalysts have unique properties and unprecedented performances and have been developed to industrial scale. The production of catalysts based on Bruno Notari Patents has been carried out by ENI-Snamprogetti and recently transferred to Haldor Topsoe.”

Drs Carbonell and Notari will receive a plaque naming each a Fellow of the I&EC Division at symposia to be held in their honor. You are all welcome, of course, to attend the award symposia. Please also stop by at the symposia and congratulate them on being recognized for their...
outstanding contributions to applied chemistry and engineering - the hallmark of this Division.

The 2007 awardees were Drs. Rich Noble and H.S. Muralidhara.

The award committee consists of Martin Abraham, Michael Gonzalez, Mike Matthews, and Spiro Alexandratos (as chair). An announcement for the 2009 award will be sent to all members in the Spring; the Award Committee will be very happy to receive nominations from you.

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Rick Sachleben Honored at I&EC Meeting

Past-Chair Rick Sachleben (sitting) receives an award for his service to the I&EC Division from Chair Mike Matthews

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Centennial Celebration in New Orleans!

I&EC, the first Division established in ACS back in 1908, is celebrating its 100th anniversary with symposia at both the New Orleans and Philadelphia meetings, a centennial volume published by ACS Books later in the year, and a Division-sponsored gala reception in Philadelphia at the Chemical Heritage Foundation. In addition, I&EC is sharing the spotlight with three other Divisions established later in 1908 and the American Institute of Chemical Engineers, also founded in 1908, at a Society-wide Opening Reception in New Orleans, co-sponsored by ACS and AIChE to mark their first jointly-held meeting a hundred years after the founding of AIChE and the establishment of the Divisional structure in the ACS.

Everyone is invited to join in the celebration from 6 to 8 pm on Sunday evening, April 6th. There will be food and drink, special exhibits, and the Founding Divisions will be recognized during the festivities. Have a bit of fun, and be part of history!

Bill Flank
Division Historian

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Officers Elected for 2008

The following officers were elected by the I&EC Membership to serve in 2008.

Chair Elect
Joe Zoeller
Treasurer
Rebecca Chamberlin
I hope that 2008 is shaping up to be a great year for you. This year marks an important milestone for the Industrial and Engineering Chemistry Division as we celebrate our centennial. The I&EC centennial will be recognized at a reception organized by the Society at the spring national meeting in New Orleans and at a Division-sponsored reception at the Chemical Heritage Foundation in Philadelphia in conjunction with the fall national ACS meeting. I hope to see you at one or both of the national meetings this year. The I&EC Division, of course, continues to strive towards bringing you timely symposia of interest to the practitioners of applied chemistry. Come to New Orleans to check out the symposia on Alternative Resources for the Chemical Industry and NanoPower: Creating Energy for the Future. In addition, there will be a number of award symposia held in New Orleans which undoubtedly will be of interest to the broader I&EC audience. More information concerning upcoming programming can be found elsewhere in this newsletter.

To commemorate the I&EC centennial, a book will be published later in the year. This is tentatively titled *Innovations in Industrial and Engineering Chemistry: A Century of Achievements, and Prospects for the New Millennium*, and will feature articles by prominent researchers covering significant achievements in applied chemistry over the last century, along with projections on future developments. The editors—Bill Flank, Mike Matthews, and Martin Abraham—are diligently working on getting this book published in time for the fall meeting in Philadelphia. Be sure to add this to your reading wish list.

Finally, I want to mention one other significant upcoming event. In October, the I&EC Division will undertake an exercise in strategic planning to set the direction for the Division in the coming years. I have to admit that I am not usually a great believer in such exercises, but I think that it is vital at this conjecture for the I&EC, and will help the Division leadership to focus on the needs of the Division members. Although it will primarily be the Division leadership team actually participating in the strategic planning session, each member of the Division has a role to play in this strategic planning session. We need to know what is important to you; that is, why are you a member of the I&EC and what improvements would you like to see in the benefits of membership in the Division? A survey will be distributed to all members who have provided e-mail addresses to the ACS on or around September 3rd. I encourage you all to respond to this survey. The I&EC leadership team is committed to providing the Division members with the benefits that are of most importance, but we need to fully understand your needs. If you wish, you do not need to wait for the survey, feel free to send your opinions as to how we can improve the Division to me at gregg.lumetta@pnl.gov. I look forward to hearing from you.

Gregg Lumetta

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The Council meeting in Boston covered one item that I thought was of particular importance to our Division and is the subject of this note to you. ACS President Katie Hunt (now past-president) had, as a discussion item, “What can ACS do to increase member involvement in public policy advocacy?” Public policy has long been an interest of mine because of its relevance to my research (environmental chemistry). Though ideas were offered about what the ACS could do, I thought the most effective road to take revolves around “what can ACS members do to become more involved in public policy.” The ACS functions best when operating up from the membership. And who better to become involved in public policy issues than those with a principal interest in applied chemistry and engineering (i.e., the members of this division)? But how does the individual chemist or engineer begin to get involved?
That is where divisional structures come into play because that is how people with common interests can get together, network, and decide how to get something done. And so this call to action: We should organize a symposium on Issues in Public Policy with sessions on environmental and energy policies where scientists and engineers give talks on how they have, or plan to have, an impact on critically important issues. I would be happy to work with all who volunteer to chair sessions, including raising funds from the ACS and seeking support from the I&EC Division. Please contact me at alexsd@hunter.cuny.edu.

The Spring ACS meeting in New Orleans will once again feature two award symposia in which plaques will be awarded to our latest I&EC Division Fellows: Professor Ruben Carbonell (North Carolina State University) and Dr Bruno Notari (ENI – retired). A new call for nominations will be sent to all members in April. Please consider nominating a colleague for this award.

Thank you.

From the Councilor—Melanie J. Lesko, Councilor 2006-2008

Much of the information that flows through the council committee I am on, Meetings and Expositions (M&E), directly impacts our division and its activities at the national meetings. I will mention here some of the most relevant points.

- Thematic programming has been given over to the Multidisciplinary Planning Group. Mike Morello is the representative from M&E. The theme for Salt Lake is nanoscience, and for Washington, DC it will be the globalization of the 4 Es (environment, education, economics and energy).
- At some time in the near future late cancellation fees and food charges incurred by the ACS will be passed through to the cancelling group, e.g. divisions. So please do not request a room or food unless you plan to use it.
- Of most interest to our division was a discussion of no shows at oral and poster sessions in Chicago. I have included the data below. The largest percentage is from China. Why this may be is not known, but there are plans to try and find out. More information to discourage no shows or help prevent last minute problems will be put into OASYS. Most importantly, all abstracts for papers or posters that are not presented will be withdrawn from the official program record.

No Show Analysis Chicago Meeting

Richard Love
June 24, 2007

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From the Councilor—Martin Abraham, Councilor 2007-2009

As a Councilor for the I&EC Division, I have been fortunate to be able to indulge my passion for sustainability while (I hope) serving the interests of the Division. I continue to serve as a member of the Committee on Environmental Improvement, and Chair the Sustainability subcommittee of this group. CEI is essentially a policy committee, recommending specific actions for ACS on environmental policies. For example, we recently reviewed the ACS policy statement on funding for EPA and recommended revised language that more explicitly supports funding for EPA’s sustainability research activities.

In a matter of direct significance to I&EC members, I have led a group of CEI Corporation Associate members in the development of a workshop that will investigate non-technical barriers to the implementation of sustainability in industry. This activity will include an oral symposium on Wednesday afternoon (at the New Orleans meeting), a poster session in the evening, and an invitation-only working session on Thursday morning. I&EC is the lead technical division for this effort. Our goal is to understand why sustainable technologies are not finding their way into industry, and identify policy positions that can make it easier for companies to embed sustainable technologies within their portfolio. If you are interested in attending the Thursday session, please let me know by sending e-mail to martin.abraham@ysu.edu and I’ll try to arrange an invitation.

Another area that we continue to press is the integration of sustainability into the culture of the ACS. During a technical meeting, many of our members discuss new sustainable technologies. But if you look around at the conduct of the meeting, there are numerous examples of unsustainable practices. We use diesel buses to drive members from one meeting location to another, we print thousands of programs on virgin paper, we throw away our cans and bottles, we stay in hotels that wash out towels every day, and many more. We would like ACS to consider adopting specific policies that support sustainability in their actions, and continue to work with staff to identify practical ways in which they can do so, without adversely affecting members’ costs or services.

The intersection between CEI and I&EC is substantial, and I have enjoyed my time serving both constituencies. I welcome your thoughts into how we can enhance the role of ACS in moving forwards the sustainability agenda. Thank you for your continued confidence in my efforts.

I&EC REGIONAL AND LOCAL PROGRAMMING FUND ANNOUNCED

Summary: The Industrial and Engineering Chemistry Division has established a fund of $10,000 per year to conduct joint programming with ACS regions and local sections. Programming will be tied to the
interest areas represented by I&EC and its subdivisions.

Background: The Industrial and Engineering Chemistry Division supports the effort within the ACS to strengthen regional and local activities. The Division has already encouraged and co-sponsored ACS Innovation Awards linked to regional outreach activities. However, I&EC needs to establish a stronger presence at the regional and local level in order to:

- Increase awareness of I&EC
- Attract new members to the Division
- Recruit a new generation of leadership for the Division
- Better serve industrial members who do not travel to national meetings
- Establish stronger programming to feed national meetings
- Reach out to younger members

Project Selection Criteria include:

- Is the request for preferred activities?
- Technical programming?
- Young industry member participation?
- Employment opportunity development?
- Recognition for industry activities?

Does the programming technically fit with I&EC and its subdivisions?:

- Green Chemistry and Engineering
- Advanced Materials and Nanotechnology
- Industrial Bio-based Technology
- Novel Chemistry with Industrial Applications
- Separation Science and Technology

Please remember, the activity must recognize I&EC co-sponsorship!

Other Criteria: Are matching funds available (e.g., Innovation Fund)? Is the activity directed at industrial member participation? Does the activity represent a collaboration with other organizations? How does the size of request compare to the expected outcome? Is there specific identification of requested costs (travel, speaker fee, reception, etc.)?

Program Management:

- I&EC has committed to a three year pilot of the program to gauge demand and effectiveness.
- The I&EC Program will be announced at the annual P2C2 meeting in October.
- Proposals should be submitted to the Program Chair or I&EC Past Chair.
- Proposals will be selected twice per year at the National ACS meeting by an I&EC Executive Committee (or a designated subcommittee) with approval requiring a majority consent.
- There is a funding cap of $2000 per proposal.
- Funding can be used for activities up to two years away.

Proposal Deadlines:

- Spring 2008: March 15, 2008
- Fall 2008: July 31, 2008

Contact:
Michael Gonzalez, Program Chair
gonzalez.michael@epa.gov
Rick Sachleben
rsachleben@momentapharma.com

ATTENTION Industrial & Engineering Chemistry Division Members

The division is seeking student volunteers to help staff a table with divisional information at the upcoming Spring Meeting of the American Chemical Society on April 6-10, 2008 in New Orleans. We plan to staff the table throughout the meeting (Sunday thru Thursday) during the morning (8-12) and afternoon (1-5) sessions. In exchange for the help, the division will cover the registration fee for the meeting at the ACS undergraduate or graduate student member rate. We hope to get enough volunteers so that the time commitment will be no more than 4 hours.

If you know of a student or are a student that would be interested and available, please respond to me and let me know what days and times that you would be available. I will set up a schedule and let the volunteers know when and where to meet.
Thanks for your assistance. David Hobbs
Meetings Publicity Chair, I&EC Division,
Savannah River National Laboratory, Aiken,
SC 29808, Phone: 803-725-2838, FAX: 803-
725-4704, Email: david.hobbs@srnl.doe.gov

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Novel Chemistry with Industrial Applications (NCIA) Subdivision

Chair: Jerry Spivey

Upcoming events: “Chemicals from Alternative Feedstocks” symposium at the Spring National meeting in New Orleans.

News:

In 2008, the subdivision reached full status with the acceptance of its by-laws and 1st election. The chair-elect for NCIA will be Tom Baker (Los Alamos National Labs) who ran unopposed. Our past-Chair, Joe Zoeller, will be serving as the programming chair, but was also elected as to serve as chair-elect for the I&EC division.

As our membership list developed, the most striking characteristic was the diversity of people who have chosen to join the subdivision. Members hail from across the globe and represent the entire rainbow of small to large businesses, colleges, and universities as well as government laboratories. Looking to the future, we hope to develop symposia that might address some of the unique needs presented by the range of people who are members of the subdivision. Examples might be “Conducting Industrially Relevant Chemistry and Engineering in Academia”, “Novel Chemistry and Engineering in the Small Business Environment”, and “Research at the Industry-Academic Interface”. Many more possibilities come to mind. We are seeking people willing to participate in these symposia or who might have interest.

Invitation to Join the Novel Chemistry with Industrial Applications Subdivision:

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 subdivision chair, James J. (Jerry) Spivey James M. Shrivers 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 to join the subdivision or to get additional information.

ACS Short Courses - Polymer Chemistry
Polymer Chemistry: Principles and Practice (A lecture-laboratory course)
Course Description Polymer Chemistry: Principles and Practice March 30, 2008 thru April 4, 2008; August 3, 2008 thru August 8, 2008; December 7, 2008 thru December 12, 2005
Introduction to Polymeric Adhesives and Composites (A lecture-laboratory course)
Course Description Intro to Polymeric Adhesives and Composites October 12, 2008 thru October 17, 2008
Hotel Information for Polymer course at Virginia Tech Inn at Virginia Tech and Skelton Conference Center Blacksburg, VA 24061 Phone: (540) 231-8000 NOTE** Room block ends 30 days before course start date

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Ionic Liquids: From Knowledge to Application

236th American Chemical Society National Meeting
Philadelphia, PA
August 17-21, 2008

Sponsored by the
ACS Division of Industrial & Engineering Chemistry
ACS Division of Inorganic Chemistry
I&EC Green Chemistry & Engineering Subdivision
I&EC Separation Science & Technology Subdivision
I&EC Novel Chemistry with Industrial Applications Subdivision

Join us for “Ionic Liquids: From Knowledge to Application” a five-day symposium during the 236th ACS National Meeting August 17-21, 2008 in Philadelphia, PA.

OVERVIEW OF THE SYMPOSIUM
The symposium will provide R&D personnel and students with state-of-the-art information and a working knowledge of the chemistry, properties, and applications of ionic liquids, thus enabling decision making and utilization of these novel materials.

SESSIONS AND ORGANIZERS
1. Gas Separations – Margarida Costa Gomes (Blaise Pascal), Mark B. Shiflett (DuPont)
2. Liquid Separations – Jared Anderson (Toledo), Phil Jessop (Queen’s Canada)
3. Interfacial Properties - Steve Baldelli (Houston), Alessandro Podesta (Milan)
4. Use in Sensors and Actuators - Gary Baker (Oak Ridge), Xiangqun Zeng (Oakland University)
5. Materials Synthesis in ILs - Jennifer Anthony (Kansas State), Anja Mudring (Bochum)
6. Thermophysical Properties - Joe Magee (NIST), Luis Rebelo (ITQB Lisbon)
7. Molecular Simulations - Pietro Ballone (QUILL Belfast), Ed Maginn (Notre Dame)
8. Pharmaceutical Applications - Doug MacFarlane (Monash), Robin D. Rogers (QUILL Belfast/Alabama)
9. Industrial – Megan B. Turner (BASF), TBA
10. General Session - James H. Davis, Jr. (South Alabama), Peter Wasserscheid (Erlangen)
11. POSTER SESSION - Joan F. Brennecke (Notre Dame)

SYMPOSIUM ORGANIZERS
Joan F. Brennecke (jfb@nd.edu) Robin D. Rogers (RDRogers@bama.ua.edu)
Kenneth R. Seddon (k.seddon@qub.ac.uk)

SPONSORS

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I&EC Programming
235th - ACS National Meeting & Exposition
April 6-10, 2008, New Orleans, LA

DIVISION OF INDUSTRIAL & ENGINEERING CHEMISTRY

Sunday, April 6, 2008

MORNING

8:30 AM-11:25 AM
Section B Morial Convention Center -- Rm. 231/232

8:30 AM-11:55 AM
Alternative Resources for the Chemical Industry
ACS Division of Industrial & Engineering Chemistry and AIChE Research and New Technologies (Area 18), Energy & the Environment, and ACS and AIChE Cosponsored Programming

Section A Morial Convention Center -- Rm. 223

AFTERNOON

1:30 PM-4:45 PM
Women Chemists in the National Inventors' Hall of Fame: Telling Their Stories
Division of Chemical Education, Division of Chemical Technicians, Women Chemists Committee, and Division of Industrial & Engineering Chemistry

Section A Marriott Convention Center -- Fulton

1:30 PM-5:20 PM
NanoPower: Creating Energy for the Future
Division of Chemical Education, Energy & the Environment, and Presidential Event

Section B Morial Convention Center -- Rm. 231/232

1:30 PM-5:30 PM
Environmental Applications of Nanoscale and Microscale Reactive Particles
Energy & the Environment

Section A Morial Convention Center -- Rm. 223

Monday, April 7, 2008

MORNING

8:30 AM-11:25 AM
Industrial and Engineering Chemistry Divisional Fellow Award Symposium - Dr. Ruben Carbonell

Section A Morial Convention Center -- Rm. 231

8:30 AM-12:20 PM
ACS Award for Team Innovation: Symposium in Honor of Scott R. Culler

Section B Morial Convention Center -- Rm. 230

AFTERNOON

1:30 PM-4:50 PM
Industrial and Engineering Chemistry Divisional Fellow Award Symposium - Dr. Ruben Carbonell

Section A Morial Convention Center -- Rm. 231

8:00 PM-10:00 PM
Sci-Mix
Section A Morial Convention Center -- Hall A

Tuesday, April 8, 2008

MORNING

8:30 AM-11:25 AM
Industrial and Engineering Chemistry Divisional Fellow Award Symposium - Dr. Ruben Carbonell

Section A Morial Convention Center -- Rm. 231

8:30 AM-12:20 PM
ACS Award in Separations Science and Technology: Symposium in Honor of Allan S. Myerson

Section B Morial Convention Center -- Rm. 230

AFTERNOON

1:30 PM-4:50 PM
Industrial and Engineering Chemistry Divisional Fellow Award Symposium - Dr. Ruben Carbonell

Section A Morial Convention Center -- Rm. 231

1:30 PM-5:25 PM
ACS Award in Separations Science and Technology: Symposium in Honor of Allan S. Myerson

Section B Morial Convention Center -- Rm. 230
EVENING
8:00 PM-10:00 PM
General Poster Session
Section A  Morial Convention Center -- Hall A
Joe Breen Green Chemistry Student Poster Session
Section B  Morial Convention Center -- Hall A

Wednesday, April 9, 2008

MORNING
8:30 AM-12:50 PM
Industrial and Engineering Chemistry Divisional Fellow Award Symposium - Dr. Bruno Notari
Section A  Morial Convention Center -- Rm. 231

AFTERNOON
2:00 PM-5:50 PM
Incentives and Barriers to the Adoption of Sustainable Chemistry ACS Division of Industrial and Engineering Chemistry and AIChE Sustainable Engineering Forum (NPC 23), the Committee on Environmental Improvement, the Green Chemistry Institute, ACS and AIChE Cosponsored Programming, and Energy & the Environment
Section A  Morial Convention Center -- Rm. 231

EVENING
6:00 PM-8:00 PM
Incentives and Barriers to the Adoption of Sustainable Chemistry Poster Session  ACS Division of Industrial and Engineering Chemistry and AIChE Sustainable Engineering Forum (NPC 23), Committee on Environmental Improvement, Green Chemistry Institute, ACS and AIChE Cosponsored Programming, and Energy & the Environment
Section A  Morial Convention Center -- Rm. 232

Thursday, April 10, 2008

MORNING
8:30 AM-12:30 PM
Nanotechnology and the Environment: Emphasis on Green Nanotechnology
Section A  Morial Convention Center -- Rm. 231

AFTERNOON
1:30 PM-5:30 PM
Nanotechnology and the Environment: Emphasis on Green Nanotechnology
Section A  Morial Convention Center -- Rm. 231

International Solvent Extraction Conference: ISEC 2008

“Solvent Extraction – Fundamentals to Industrial Applications”
Tucson, Arizona, USA, 15-19 September 2008
North American industry has employed major solvent-extraction processes to support a wide range of operations including but not limited to chemical, metallurgical and nuclear applications. In recognition of these activities, ISEC 1977 and ISEC 1984 were hosted in Toronto, Canada and Denver, Colorado, USA.

After 24 years, it is fitting that the experts in solvent-extraction reconvene once again on this continent for the 18th International Solvent Extraction Conference, to be held in Tucson, Arizona from September 15 to 19, 2008. ISEC is the premier meeting of solvent extraction experts, bringing together scientists, engineers, operators and vendors from around the globe. The ISEC 2008 program will emphasize fundamentals to industrial applications of solvent extraction, particularly how this broad spectrum of activities is interconnected and has led to the implementation of novel processes.

Technical Sessions

The technical sessions of ISEC 2008 will be organized within eight topical areas. While
most of the topical areas correspond to applications of SX, the Fundamentals area and Novel Reagents, Materials and Techniques area are cross-cutting. In recognition of the strong interplay between science and technology in the successful evolution of SX, papers on both fundamental and applied aspects will be welcome. Each of the topical areas will include one or more sessions depending on the interest received. An invited Keynote Speaker will lead off each session. Five plenary sessions will highlight topics of broad interest and current importance. A featured topic of this ISEC will be SX applications in nuclear fuel cycles.

The program will include both oral and poster presentations, with sessions anticipated in the following areas:

• Fundamentals: including interfacial phenomena; solution chemistry; thermodynamics; kinetics; molecular modeling and dynamics; chemical recognition; spectroscopy; and X-ray and neutron scattering. Chair: Gérard Cote.
• Novel Reagents, Materials, and Techniques: including nanotechnology; ionic liquids; supercritical extraction; aqueous biphasic systems; micellar systems; liquid membranes; polymer inclusion membranes; solvent impregnated resins; solid-phase extractants; hollow fibers; synthesis; phase transfer catalysis; and advances in extractants, diluents, and modifiers. Chair: Peter A. Tasker.
• Nuclear Fuel Reprocessing: including actinide/lanthanide separation; developments in UREX, PUREX, TRUEX, DIAMEX, and other processes; fission product separation; new extractants and aqueous reagents; selective stripping; actinide purification; solvent cleanup; radiation effects; reprocessing-specific flowsheet development and equipment design. Chair: Terry A. Todd.
• Hydrometallurgy and Metals Extraction: including Cu, Mn, Co, Ni, Zn, Mo, V, and other metals; non-nuclear applications of uranium; precious metals; lanthanides; synergistic systems; flow-sheet development and pilot-plant studies; plant experience and commissioning; and environmental aspects. Chair: Kathryn C. Sole, Co-chair: Michael J. Virnig.
• Analytical and Preparative Applications: including, but not limited to, on-line monitoring; environmental monitoring; preconcentration; extraction chromatography/ solvent-impregnated resins; centrifugal partition chromatography; extractive scintillators; membrane electrodes; and ITES. Chair: Mark L. Dietz, Co-chair: E. Philip Horwitz.
• Biotechnology, Pharmaceuticals, Life-Science Products, and Organic Products. Chair: T. Alan Hatton.
• Process Chemistry and Engineering: including process economics, flowsheet development; process and equipment simulation and modeling; equipment engineering and design; plant experience; cruds, emulsions, entrainment, and coalescence phenomena; instrumentation, on-line analysis, process control, and automation. Chair: Gordon M. Ritcey, Co-chair: Peter M. Cole.

CONTACT DETAILS: For further information and to receive Conference Circulars, please visit the ISEC 2008 website: www.isec2008.org or contact: Dawn M. Long, Administrative Secretary, Syracuse University at: isec2008@ecs.syr.edu

I&EC Subdivision Programming Chairs

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Get Your I&EC Commemorative Lapel Pin!

As part of recognition for the 2008 Centennial of the I&EC Division, the officers have commissioned an attractive lapel pin, to be available to its members at no charge. The pins will first be available at the New Orleans National Meeting. We hope to see you there to present the pin to you in person… just bring your business card and ACS membership number. Alternatively, fill out the coupon below and bring it to New Orleans. We will also have pins at the Philadelphia meeting and at any regional meetings co-sponsored by the division.

I&EC Member/Membership Application and Centennial Lapel Pin

Name (print): ____________________________ Give to any I&EC Division
ACS Member Number: ____________________ representative at the New
Contact Information: _____________________ Orleans or Philadelphia
________________________________________ __________________________
________________________________________ National Meetings
### Industrial & Engineering Chemistry Division Officers (Bold) and Executive Committee Members for 2008

<table>
<thead>
<tr>
<th>Position</th>
<th>Term</th>
<th>Name</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>2008</td>
<td>Gregg Lumetta</td>
<td><a href="mailto:gregg.lumetta@pnl.gov">gregg.lumetta@pnl.gov</a></td>
</tr>
<tr>
<td>Chair-elect</td>
<td>2008</td>
<td>Joe Zoeller</td>
<td><a href="mailto:jzoeller@eastman.com">jzoeller@eastman.com</a></td>
</tr>
<tr>
<td>Past-Chair</td>
<td>2008</td>
<td>Michael A. Matthews</td>
<td><a href="mailto:matthews@engr.sc.edu">matthews@engr.sc.edu</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>2008 - 2009</td>
<td>Rebecca M. Chamberlin</td>
<td><a href="mailto:rmchamberlin@lanl.gov">rmchamberlin@lanl.gov</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>2007 - 2008</td>
<td>Bill Crooks</td>
<td><a href="mailto:crooks@lanl.gov">crooks@lanl.gov</a></td>
</tr>
<tr>
<td>Councilor</td>
<td>2008 - 2010</td>
<td>Spiro Alexandratos</td>
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</tr>
<tr>
<td>Councilor</td>
<td>2006 - 2008</td>
<td>Melanie Lesko</td>
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</tr>
<tr>
<td>Councilor</td>
<td>2006 - 2008</td>
<td>Ken Nash</td>
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</tr>
<tr>
<td>Councilor</td>
<td>2007 - 2009</td>
<td>Martin Abraham</td>
<td><a href="mailto:martin.abraham@ysu.edu">martin.abraham@ysu.edu</a></td>
</tr>
<tr>
<td>Program Chair</td>
<td>2006 - 2007</td>
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<td><a href="mailto:gonzalez.michael@epa.gov">gonzalez.michael@epa.gov</a></td>
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<tr>
<td>Program Secretary</td>
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<tr>
<td>Asst. Program Chair</td>
<td></td>
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</tr>
<tr>
<td>Web/Newsletter</td>
<td>2007 - 2008</td>
<td>Dustin James</td>
<td><a href="mailto:dustin@rice.edu">dustin@rice.edu</a></td>
</tr>
<tr>
<td>Meeting Publicity Chair</td>
<td>2007 - 2008</td>
<td>David Hobbs</td>
<td><a href="mailto:david.hobbs@srnl.doe.gov">david.hobbs@srnl.doe.gov</a></td>
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<tr>
<td>Awards</td>
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<tr>
<td>Membership</td>
<td>2007 - 2008</td>
<td>Sam Morton</td>
<td><a href="mailto:mortons@lafayette.edu">mortons@lafayette.edu</a></td>
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<tr>
<td>Parliamentarian</td>
<td>2007 - 2008</td>
<td>Rick Sachleben</td>
<td><a href="mailto:rsachleben@momentapharma.com">rsachleben@momentapharma.com</a></td>
</tr>
<tr>
<td>Industrial Relations</td>
<td>2007 - 2008</td>
<td>Brian Blakey</td>
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<tr>
<td>Informal industrial liaison</td>
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<td>Amber Hinkle</td>
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</tr>
<tr>
<td>I&amp;ECC Liaison to the YCC</td>
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<td>Lealon L. Martin</td>
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</tr>
<tr>
<td>Historian</td>
<td>2007 - 2008</td>
<td>Bill Flank</td>
<td><a href="mailto:wflank@pace.edu">wflank@pace.edu</a></td>
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**Subdivisions**

<table>
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<tr>
<th>Subdivision</th>
<th>Term</th>
<th>Name</th>
<th>E-mail</th>
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<tbody>
<tr>
<td>SS&amp;T Chair</td>
<td>2007</td>
<td>Dean Peterman</td>
<td><a href="mailto:dean.peterman@inl.gov">dean.peterman@inl.gov</a></td>
</tr>
<tr>
<td>SS&amp;T Chair Elect*</td>
<td>2007</td>
<td>Paul Sylvester</td>
<td><a href="mailto:pslvvester@solmetex.com">pslvvester@solmetex.com</a></td>
</tr>
<tr>
<td>SS&amp;T Vice-Chair Elect*</td>
<td>2007</td>
<td>Ed Rosenberg</td>
<td><a href="mailto:ed.rosenberg@umontana.edu">ed.rosenberg@umontana.edu</a></td>
</tr>
<tr>
<td>GC&amp;E Chair</td>
<td>2007</td>
<td>Julie Zimmerman</td>
<td><a href="mailto:julie.zimmerman@yale.edu">julie.zimmerman@yale.edu</a></td>
</tr>
<tr>
<td>GC&amp;E Chair-elect *</td>
<td>2007</td>
<td>Phillip Savage</td>
<td><a href="mailto:psavage@umich.edu">psavage@umich.edu</a></td>
</tr>
<tr>
<td>IBT Chair</td>
<td>2007</td>
<td>Graham G Swift</td>
<td><a href="mailto:GrahamGswift@aol.com">GrahamGswift@aol.com</a></td>
</tr>
<tr>
<td>NCIA</td>
<td>2008</td>
<td>Jerry Spivey</td>
<td><a href="mailto:jispivey@lsu.edu">jispivey@lsu.edu</a></td>
</tr>
</tbody>
</table>

* Non-executive committee positions