FALL 2015



MESSAGE FROM THE CHAIR



Greetings from Wilmington, Delaware! I hope you have all had a productive and rewarding year. It has been my honor

to serve as Chair of FLUO, and I am very thankful for the members of the Executive Committee as well as many employees of ACS for helping me learn the role.

It is my pleasure to share with you that the winner of the ACS 2016 Award for Creative Work in Fluorine Chemistry is **Professor Steven Strauss** from the Department of Chemistry at Colorado State University. Please join me in congratulating Steve for this award, and thanking him for his previous contributions to the Division. Steve will be accepting his award at the upcoming Spring national ACS meeting in San Diego, CA. The award for 2016 is being sponsored by the FLUO Division. We thank the Juhua Group Corporation for their previous years of sponsorship.

Speaking of sponsorship, we are actively looking for a corporate or academic sponsor for this award for a 3-year term which starts in 2018. Please contact me or Ralf Haiges directly if your institution would like to become a sponsor. As a stopgap measure, the Fluorine Division agreed to sponsor for a single year (2016), but we would much prefer to have it sponsored externally. Additionally, it has come to my attention that the number of nominations for the award has dwindled in recent years. I would like to emphasize that chemists at any stage of their career can and should be nominated. As the smallest of the ACS Divisions, having this award gives us visibility and we need to ensure it doesn't end due to lack of funding or lack of participation. Please increase your support by spending the time to nominate deserving candidates and helping us identify future sponsors.

I have recently been asked by ACS to select two volunteers to represent our Division as part of the ACS Multidisciplinary Program Planning Group (MPPG). One main goal of this group is to develop and communicate the thematic programming for national meetings to the divisions and vice versa. More information can be found at: <u>http://www.acs.org/content/acs/en/about/governance/committees/ divisional/mppg.html</u>. Please contact me directly if you are interested in learning more or volunteering.

Please join me in congratulating longtime FLUO member **Dr. Paul Resnick** for being inducted into the 2015 class of ACS Fellows. We greatly appreciate his contributions both to fluorine chemistry and to our Division. If you would like the

Continued on p. 2

VICE-CHAIR MEMBERSHIP REPORT

AS OF SEPTEMBER 30TH, 2015, THERE WERE 553 MEMBERS OF THE FLUORINE DIVISION. THE DEMOGRAPHICS ARE AS FOLLOWS:

GROUP	%
Division Affiliate	3.07
Emeritus Member	10.1
Regular Member	72.88
Regular Student Member	6.87
Retired Member	2.89
Society Affiliate	0.90
Student Member – Undergrad	3.25
TOTAL	100

PLEASE JOIN ME IN WELCOMING OUR 2015 NEW MEMBERS: Vamsidhar Akurathi, Trent Ashton, David Aubry, John Barkanic, James Bour, Kayleigh Brocklesby, Laurence Carroll, Lynne Cheplen, Eric Chris, Jason Dearling, Kelby Donnay, Felihle Dumisa, Mathias Ellwanger,

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IN THIS ISSUE Message from the Chair 1-2 Membership Report 1-2 Program Report 2-3 Councilor Report 3-4 Treasurer's Report 5 Bremen Fluorine Days 6 23rd Winter Fluorine Conference 7 Application 8

VICE-CHAIR MEMBERSHIP REPORT Continued from p. 1



Robert Flowers, Eric Hellems, Patrick Helly, Marcel Hollenstein, Eric Hostetler, Fengshuo Hu, Hongyu Huang, Takahiro Inatsugi, Parag Jog, Lee Josephson, Peter Kaplan, Roy Kerney, Emmanuel Magnier, Daniel Matlick, Ryan Matzen, Koichi Mikami, John Newell, Ryan Patch, Pavel Pazdera, Joyce Pham, Deborah Preston, Chelemella Reddy, Agapito Serrato, Nickeisha Stephenson, Nicholas van der

Meulen, Huynh Vo, Abbas Walji, Zhi-Guang Wang, Riley Whitehead, Megan Wilt, Long Xu

We encourage current members to recruit students, postdocs, and early career fluorine chemists to join the Division. To become a member of the Division of Fluorine Chemistry, please navigate to this page: http://www.acs.org/ content/acs/en/membership-and-networks/td/join.html and complete the application form. The first year is free, but then it will be \$17.00 USD / year for your membership, assuming you are not an ACS member. The ACS member cost for our division is only \$10.00 USD / year. We welcome any suggestions for activities that will help maintain and expand our membership.

VICE-CHAIR PROGRAM REPORT

At the 249th ACS National Meeting in Denver, CO (March, 2015), the Division had two symposia, honoring Veronique Gouverneur - the 2015 recipient of the ACS Award for Creative Work in Fluorine Chemistry and Karl Christe - the winner of the 2015 ACS Award for Creative Research and Applications of Iodine Chemistry. David Dixon did an excellent job in putting together both symposia.

Neil Vasdev, Alan Packard, Gilles Tamagnan and Svetlana Selivanova put together an excellent symposium on 18F Radiochemistry, at the 250th ACS National Meeting in Boston, MA (August 16-20, 2015, co-sponsored by MEDI Division of ACS). The 1.5 day symposium with 28 academic and industrial speakers from Sweden, Switzerland, UK, Canada and US was well attended.

On behalf of the Division, I would like to thank all symposia organizers for their dedication and hard work in putting together excellent programs.

FLUORINE RELATED MEETINGS IN 2015-2016:

Pacifichem 2015, Dec. 15-20, 2015 Honolulu, HI, USA http://www.pacifichem.org/

The Division is sponsoring two Symposia at this meeting:

- "Fluorinations and Fluoroalkylations" Organizers: Surya Prakash, Tobias Ritter, Koichi Mikami, Jinbo Hu and Santos Fustero
- "Current Trends and Interconnectivities Among Fundamental and Applied Inorganic Fluorine Chemistry"

Organizers: Kazuhiko Matsumoto, Rika Hagiwara, Gary Schrobilgen, Helene Mercier, Robert Syvret

MESSAGE FROM THE CHAIR Continued from p. 1

Executive Committee (EC) to consider anyone for the 2016 nomination process, please bring it to my attention before the March ACS meeting.

The Moissan Summer Undergraduate Research Fellowship was able to give out three awards this year as detailed in the spring newsletter. The undergraduates spent the summer of 2015 learning some of the wonders of fluorine chemistry with hands-on experience in a variety of academic labs. I have received the final reports, and am happy to see this fellowship living up to its goal of encouraging students to pursue a Ph.D. in fluorine chemistry. The nomination process for the 2016 award is now open with a deadline of February 15th, 2016. Please send your letters directly to Ralf Haiges (haiges@usc.edu).

As the year winds to a close in a few short months, so do the terms of several of the members of our Executive Committee. I would like to extend a hearty thank you to Markus Etzkorn, Mike Bulinski, Michael Gerken, Jinbo Hu, and Slava Petrov for their efforts, and hope they continue to volunteer for leadership positions in our Division in the future.

Since this is my final contribution to a newsletter. I will hereby leave you in the capable hands of Ralf Haiges who will assume the role of Chair starting in January. Please continue to stay involved and let us know if you have ideas for improving or strengthening our Division, or if you have any issues or concerns. I hope to see many of you at the Spring ACS meeting in San Diego in 2016.

Christopher P. Junk

Chair, 2015

Continued

251ST SPRING ACS NATIONAL MEETING, March 13-17, 2016, San Diego, CA Symposium Honoring 2016 Awardee Steven Strauss Organizers: Olga Boltalina, Joe Thrasher, Viacheslav Petrov, Neil Vasdev

FOR MORE INFORMATION: http://www.acs.org/content/acs/en/meetings.html

252ND FALL ACS NATIONAL MEETING, August 21-25, 2016, Philadelphia, PA *"Chemistry of the People, by the People and for the People"*

Neil Vasdev is leading the effort of organizing a Symposium on $^{18}\mathrm{F}$ Radiochemistry at this meeting.

1ST SOUTH AFRICAN FLUORINE SYMPOSIUM will be held in Cape Town South Africa 15-18 February, 2016.

CONFERENCE WEBSITE: www.safluorine.co.za

CONFERENCE CO-CHAIR: Rajen Naidoo (Pelchem).

BREMEN FLUORINE DAYS will be held in Bremen, Germany, July 3-7, 2016. See advertisement page 4.

CONFERENCE WEBSITE:

http://www.bremenfluorinedays.com

CONFERENCE CHAIR: Prof. Dr. Gerd-Volker Roeschenthaler School of Engineering and Science Research III, Room 86 Jacobs University Bremen gGmbH P.O. Box 750 561 D-28725 Bremen, Germany g.roeschenthaler@jacobs-university.de Tel. +49(0)421-200-3138



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BREMEN 18TH EUROPEAN SYMPOSIUM IN FLUORINE CHEMISTRY,

Kiev, Ukraine, August 7-12, 2016 The conference website opened recently: <u>http://fluorine2016.eu/venue.html</u>

FUTURE MEETINGS BEYOND 2016:

23RD WINTER FLUORINE CONFERENCE, Clearwater Beach, Florida, January 15-20, 2017. See advertisement page 5.

22ND INTERNATIONAL SYMPOSIUM ON FLUORINE CHEMISTRY, Oxford, UK, 2018

24TH WINTER FLUORINE CONFERENCE, Clearwater Beach, Florida, January 13-18, 2019

23RD INTERNATIONAL SYMPOSIUM ON FLUORINE CHEMISTRY, Québec City, CANADA, 2021

DIVISION COUNCILOR REPORT

AMERICAN CHEMICAL SOCIETY, 249TH ACS NATIONAL MEETING, Denver, Colorado, 2014 Council meeting report

American Chemical Society 250th National Meeting, Boston, Massachusetts Council Meeting Summary

On the recommendation of the Committee on Budget and Finance, the Board of Directors voted to approve an advance member registration fee of \$415 for national meetings held in 2016; to authorize a new program funding request for the ACS Festival Series program; and to reauthorize funding for the ACS Science Coaches program.

ACS BYLAWS: The Council voted to approve the *Petition on Preferential Voting*, contingent upon confirmation by the ACS Board of Directors. The Council voted to approve the *Petition on Member Expulsion*, contingent upon confirmation by the ACS Board of Directors. On the recommendation of the Committee on Nominations and Elections, the Council voted to approve the *Balloting and Preferential Voting Procedures for Elections of President-Elect, District Directors, and Directorsat-Large*, contingent upon approval of the Petition on Preferential Voting.

On the recommendation of the Committee on International Activities, Council voted to approve the establishment of the Australia, Brazil, Nigeria, Peru, and United Arab Emirates International Chemical Sciences Chapters, subject to confirmation by the Board of Directors.

Continued from p. 3 CANDIDATES FOR THE FALL 2015 ACS NATIONAL ELECTION: AMERICAN CHEMICAL SOCIETY, 249TH ACS NATIONAL MEETING, enver, Colorado, 2014 Council meeting report

Candidates for President-Elect, 2016: G. Bryan Balazs, Associate Program Leader, Lawrence Livermore National Laboratory, Livermore, CA and Allison A. Campbell, Associate Laboratory Director, Pacific Northwest National Laboratory, Richland, WA

Candidates for Directors-at-Large, 2016-2018: Lee H. Latimer, Head of Chemistry, NeurOp, Inc., Oakland, CA, Willem R. Leenstra, Associate Professor, University of Vermont, Burlington, VT, Ingrid Montes, Professor, University of Puerto Rico - Rio Piedras Campus, San Juan, PR, Mary Jo Ondrechen, Professor of Chemistry and Chemical Biology, Northeastern University, Boston, MA, and Thomas W. Smith, Professor, Chemistry & Microsystems Engineering, School of Chemistry and Materials Science, Rochester Institute of Technology, Rochester, NY

Candidates for District I Director, 2016-2018: Thomas R. Gilbert, Professor, Northeastern University, Boston, MA and Laura E. Pence, Professor of Chemistry, University of Hartford, West Hartford, CT

Candidates for District V Director, 2016-2018: John E. Adams, Curators' Teaching Professor, University of Missouri-Columbia, Columbia, MO and Kenneth P. Fivizzani, Retired, Nalco Company, Naperville, IL

COUNCIL POLICY (CPC) Long-Range Planning Subcommittee was asked to review the way Local Sections and Divisions are currently represented on Council. The Task Force is examining issues that affect the Divisor formulae set out in the Bylaws; for example, how sacrosanct is the rule that twenty percent of elected Councilors shall be elected by Divisions, and eighty percent shall be elected by Local Sections? What would Council look like if the ratio were changed, for example to 70/30? Should there be more Division representation on Council and what would be the impact? Would this result in more resources for Divisions? Should a cap be placed on the number of Councilors per Local Section and Divisions to ensure more balance? What does representation look like for international members of Local sections and Divisions?

BUDGET AND FINANCE (B&F) reviewed the Society's 2015 probable year-end financial projection which expects a Net Contribution from Operations of \$15.5 million, or \$2.1 million higher than the Approved Budget. Total revenues are projected at \$512.1 million, which at \$481,000 favorable is essentially on Budget. Total expenses are projected at \$496.6 million, which is \$1.6 million or 0.3% favorable to the Approved. This variance is the result of lowerthan-budgeted expenses across almost all major expense categories.

EDUCATION (SOCED) voted to approve revisions to the ACS Guidelines for Chemistry in Two-Year Colleges. The committee voted to make the pilot program of ACS International Student Chapters a permanent feature of the student chapters program. ACS has chartered 15 International Student Chapters since the pilot launched last year.

SCIENCE (COMSCI) voted to recommend approval of the draft ACS policy statement on energy, a notably improved statement on this critical economic and environmental issue. At this meeting, the committee sponsored a roundtable discussion with leaders of Divisions, journals, and outside experts on moving advanced materials from discovery to application.

DIVISIONAL ACTIVITIES (DAC) voted to fund 14 Innovative Project Grants (IPG) totaling \$77,050.

The Multidisciplinary Program Planning Group is proposing the following 2018 national meeting themes to the Divisions for their consideration: Nexus of Food, Energy and Water (Spring/New Orleans), and Nanotechnology (Fall/Boston).

MEMBERSHIP AFFAIRS (MAC) reported that as of July 31, the ACS membership was 156,561; 2,055 fewer than on the same date in 2014. The number of new members who have joined this year is 14,457; 147 fewer than this time last year. The Society's overall retention rate is 84%. The number of international members has increased to 25,989; 1,014 higher than in July, 2014. The international retention rate is 85%. The committee intends to submit a petition for consideration in San Diego to permanently extend the Unemployed Member Dues Waiver Benefit period from two years to three years.

ECONOMIC AND PROFESSIONAL AFFAIRS (CEPA) reported that ACS ChemCensus data showed that Domestic Unemployment among ACS member chemists edged slightly upwards in the last year from 2.9% to 3.1%. Still, the current unemployment rate is lower than it was from 2009 to 2013. The ChemCensus also showed a modest salary increase year-over-year. For the first year since 2004, the percentage of ACS members working in manufacturing increased. These trends are mirrored by a slight decline in the percentage of members in academia. Other workforce categories remained relatively flat.

CHEMICAL SAFETY (CCS) reported that it had been requested by the Chemical Safety Board (CSB) to assist in developing guidance with methods to recognize, assess, and control hazards in research laboratories. The CCS released its final report, "Identifying and Evaluating Hazards in Research Laboratories," in 2015. Councilors and their institutions who are engaged in research were urged to consider using this guide to help keep their laboratories safer. This report is available at www.acs.org/safety.

PATENTS AND RELATED MATTERS (CPRM) continues to monitor legislative and regulatory developments influencing intellectual property in ways that impact the chemical enterprise. The committee website is updated frequently and contains a wealth of helpful information about intellectual property matters relevant to those in the chemical enterprise. The Division of Fluorine Chemistry continues to benefit from a strong financial foundation, although recent trends in deficit spending will need to be adjusted to ensure sustained fiscal health for the Division.

The Table below provides a snapshot view of the Division's assets as of 30 September 2015 and the comparative numbers for the year prior as of 30 September 2014.

ASSETS (as of 30 September 2015)

	(\$) as of 30 September 2014	(\$) as of 30 September 2015	
WELLS FARGO BANK ACCOUNT	\$6,780	\$5,594	
Ameriprise SPS Investment Account	\$240,199	\$209,441	
TOTAL ASSETS	\$246,979	\$215,035	
Percent change		-13.0%	

The Division's total assets have decreased approximately 13% over the course of the 12 month period ending September 30, 2015. This decrease is due in part to the financial loss realized at the 22nd Winter Fluorine Conference (-\$13,319.82 not counting a \$2,500 Corporate donation that was pledged but not received to date) support and the Division's commitment in recent years to provide increased funding to Fluorine Division sponsored symposia (\$6,000 each) and to Moissan SURF recipients (3 per year at \$5,000 each).

Clearly, the trend in deficit spending needs to be adjusted if the Division is to have a secure and sustainable financial future. The budget for 2016 is currently being developed with an emphasis on reducing the deficit spending trend of recent years.

FINANCIAL HIGHLIGHTS FOR THE FLUORINE DIVISION FOR FISCAL YEAR 2015:

> The Division awarded 3 Moissan Summer Undergraduate Research Fellowships in the amount of \$5,000 each to Professors Chad Friesen (Trinity Western University), Ken Laali (University of North Florida), and Dominique Cahard (INSA de Rouen – France).

> The Division provided a \$500 graduate student travel stipend for attendance at the 21st ISFC in Como, Italy.

> The Division provided \$6,470 in financial support to Fluorine Division Symposia that were held at the ACS National Meetings in Denver (Spring) and Boston (Fall).

>The Division provided \$1,000 in support to the ACS Graduate and Post-Doc Scholars Program.

>The Division has committed up to \$12,000 in funding to support Fluorine Division sponsored symposia at Pacifichem 2015.

CALL FOR **SPONSORS**

WE ARE SEEKING SPONSORS for the ACS Award for Creative Work in Fluorine Chemistry. Sponsorship can be for 1 year or multiple years.

For details including financial commitment, please contact **Bob Syvret**, <u>robert.syvret@arkema.com</u> or any executive committee member.





5th International Symposium on Organofluorine Compounds in Biomedical, Materials and Agricultural Sciences

CONCEPT AND FORMAT

The aim of the Bremen Fluorine Days is to provide an overview of current directions in all aspects of organic fluorine chemistry. The Symposium is addressed primarily to scientists of the "Organofluorine Community", although it will also open to those interested in the potential of fluorine in their own research. An attendance of 130-150 chemists is expected, and the scientific program will include plenary lectures (45 min), invited lectures (30 min) and poster presentations. A social program, highligh-ting the cultural and geographical heritage of the city of Bremen, will be organized for the conference attendees and accompanying persons.

We are looking forward to meet you next year in Bremen! —GERD-VOLKER RÖSCHENTHALER (Chair)

SCIENTIFIC BOARD

- Johannes EICHER (Solvay Fluor GmbH, Hannover, Germany)
- Santos FUSTERO (Valencia UVEG, Spain)
- Véronique GOUVERNEUR (Oxford University, England)
- Günter HAUFE (Münster University, Germany)
- Peer KIRSCH (Merck KGaA, Darmstadt, Germany)
- Beate KOKSCH (Freie Universität Berlin, Germany)
- Marie-Pierre KRAFFT (Strasbourg University, France)
- Frédéric LEROUX (Strasbourg University, France)
- Iwao OJIMA (Stony Brook University, USA)

- Jean-François PAQUIN (Université Laval Québec, Canada)
- Sergiy PAZENOK (Bayer CropScience, Langenfeld, Germany)
- Surya PRAKASH (University of Southern California, Los Angeles, USA)
- Feng-Ling QING (Shanghai Institute of Organic Chemistry, China)
- Michael RACK (BASF SE, Ludwigshafen, Germany)
- Renzo RUZZICONI (Perugia University, Italy)
- Norio SHIBATA (Nagoya Institute of Technology, Japan)
- Vadim SOLOSHONOK (Ikerbasque, Bilbao, Spain)
- Jean-Marc VINCENT (Bordeaux University, France)

SCOPE / TOPICS

- Fluorine as a Modulator
- New Synthetic Approaches to Fluoroorganic Compounds
- Enantioselective Syntheses
- Fluorous Chemistry
- New Polymers/Surfactants and Properties
- Drug Design
- Biomedicine and Agricultural Sciences
- Amino Acids and Peptides
- Fluoride Sources
- Environmental/Waste Treatment

VENUE

- The conference will take place at Jacobs University Bremen: Jacobs University is a state-accredited, research-oriented, private uni-versity in Bremen, Germany, and is one of the most international aca-demic institutions in the country, characterized by a truly intercultural community www.jacobs-university.de
- Local Airport Bremen and International Airport Hamburg: connections with the major European hubs and several times a day shuttles from Bremen to Hamburg by train

REGISTRATION FEES (EARLY) ACADEMIC / INDUSTRY 550 € | STUDENTS 350 € Registration opens October 2015

CONTACT

contact@bremenfluorinedays.com



www.bremenfluorinedays.com





23RD WINTER FLUORINE CONFERENCE January 15 – 20, 2017 Clearwater, Florida Hilton Clearwater Beach

TECHNICAL PROGRAMMING AREAS:

- Organofluorine Chemistry
- Inorganic Fluorine Chemistry
- Industrial Fluorine Chemistry
- Physical Fluorine Chemistry
- General Fluorine Chemistry

SPONSORSHIP OPPORTUNITIES:

- Platinum Level
- Gold Level
- Silver Level
- Bronze Level

Abstract submission opens on May 9, 2016 and closes on September 23, 2016. Discounted early registration opens on August 1, 2016 and closes September 30, 2016.

Registration opens on October 1, 2016 and closes on December 9, 2016. **Housing** opens on August 1, 2016 and closes on December 9, 2016.

Website: LAUNCHING SOON!

Contacts: *Chair:*

ROBERT G. SYVRET

Arkema, Inc. 900 First Avenue King of Prussia, PA 19406 Phone: 610-878-6444 Email: robert.syvret@arkema.com

ACS Meeting Planner:

KIMBERLY SAVAGE American Chemical Society 1155 16th Street, NW Washington, DC 20036 Phone: 202-872-4443 Email: k_savage@acs.org

Co-Chair:

MARKUS ETZKORN

UNC Charlotte Dpt of Chemistry 9201 University City Blvd Charlotte, NC 28223-0001 Phone: 704-687-4443 Email: metzkorn@uncc.edu



AMERICAN CHEMICAL SOCIETY DIVISION OF FLUORINE CHEMISTRY

□ NEW MEMBERSHIP APPLICATION

RENEWALCHANGE OF ADDRESS

Name:(PROF. / DR. / MR. / MS.)		
Employer:		
Address:		
Business Phone:		
Home Phone:	E-mail:	

ALL OF THE ABOVE INFORMATION WILL BE INCLUDED IN THE DIVISION'S DIRECTORY, WHICH IS SENT TO ALL MEMBERS IF YOU OPT-IN. PLEASE CHECK ONE BELOW:

□ I AGREE TO HAVE MY INFORMATION PUBLISHED IN THE FLUORINE DIVISION MEMBERSHIP DIRECTORY.

□ I DO NOT CHOOSE TO HAVE MY INFORMATION PUBLISHED IN THE FLUORINE DIVISION MEMBERSHIP DIRECTORY.

CURRENT MEMBER OF ACS? VES NO

IF YES, MEMBERSHIP NUMBER: _____

NEW MEMBERS OF THE FLUORINE DIVISION WILL HAVE THEIR DUES WAIVED FOR THE FIRST YEAR ONLY. THE RENEWAL DUES FOR 2016 ARE \$10.00 FOR ACS MEMBERS AND \$17.00 FOR NON-ACS MEMBERS (FOREIGN MEMBERS: PLEASE MAKE SURE THAT YOUR CHECK IS IN U.S. DOLLARS DRAWN ON A U. S. BANK.)

Dues Enclosed: \$

PLEASE SEND FORM TO: David Vicic Lehigh University Department of Chemistry 6 East Packer Ave. Seeley-Mudd #6, Room 495 Bethlehem, PA 18015, USA

Preferred method of return is electronic to David Vicic: <u>vicic@lehigh.edu</u> You can also apply online: <u>http://www.acs.org/content/acs/en/membership-and-networks/td/join.html</u>

ACS ACS EINS

THE BIANNUAL NEWSLETTER FOR THE AMERICAN CHEMICAL SOCIETY DIV. OF FLUORINE CHEMISTRY

2015 Individual Subscription rate for the Journal of Fluorine Chemistry (Elsevier Publishing) is \$222 for ACS members.

For further information please contact Natalie Steffen by email at n.steffen@elsevier.com.

2015 EXECUTIVE COMMITTEE

CHAIR

CHRISTOPHER JUNK DuPont Central Research & Development Experimental Station Building E500, Room 2604B Wilmington, DE 19880 302-695-4550 302-868-4971 FAX Christopher.P.Junk@usa.dupont.com

VICE-CHAIR / SECRETARY

RALF HAIGES Loker Hydrocarbon Research Institute University of Southern California Los Angeles, CA 90089-1661 213-740-3197 (office) 213-821-5973 (lab) haiges@usc.edu

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VICE-CHAIR / PROGRAMS

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TREASURER

ROBERT G. SYVRET Arkema Inc. 900 First Avenue King of Prussia, PA 19406 610-878-6444 (office) 484-612-3862 (cell) Robert.syvret@arkema.com

PAST CHAIR MARKUS ETZKORN

COUNCILOR DAVID A. DIXON

ALTERNATE COUNCILOR JOSEPH S. THRASHER

COMMITTEE MEMBERS AT LARGE

PETR BEIER – CZECH REPUBLIC MICHAEL BRIMEYER - USA MIKE BULINSKI – USA MICHAEL GERKEN – CANADA JINBO HU – CHINA KAZUHIKO MATSUMOTO – JAPAN JEAN-FRANCOIS PAQUIN – CANADA SEBASTIAN RIEDEL - GERMANY GARY SCHROBILGEN – CANADA NORIO SHIBATA - JAPAN NEIL VASDEV - USA

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