

SPRING NEWSLETTER

May, 2004

Message from the Chair

Greetings from New England! This is my first message as 2004 Chair of the Fluorine Division and as such I want to express, in the name of all our Division members, our sincere gratitude to **Rick Flynn** for his excellent stewardship during his tenure as 2003 Division Chair. I also want to thank and bid farewell to our former Executive Committee members, **Russ Hughes**, **George Shia** and **Pete Morken**, for their significant contributions during the last three years. I could not have survived the first four months in my role as 2004 Chair without the experienced advice, and support of my friends and colleagues, **Rick Flynn**, **Bob Syvret** and **Gary Schrobilgen**. To them, my deepest thanks. I also want to welcome the new members of our Division and to thank **P. V. Ramachandran (Chandran)** for his successful recruiting efforts.

This year promises to be very active from all perspectives. It began with a very successful symposium at the ACS National Spring Meeting in Anaheim, CA, in honor of **Surya G. K. Prakash**, the 2004 recipient of the ACS Award for Creative Work in Fluorine Chemistry. I have only words of praise for **Andrei Yudin's** excellent organization. The symposium banquet was also a smashing success, with over twice the number of attendees expected, including the majority of previous awardees! This created an excellent photo opportunity for our memory book. The ACS National Fall Meeting in Philadelphia, PA will be a busy one for us too as **Surya Prakash** has orchestrated the organization of various symposia (see inside). Internationally, in addition to the Kyoto Conference in May, and the 14th European Symposium in Poznań, Poland in mid-July, plans for our own 17th Winter Fluorine Conference are well under way.

Last fall elections brought a roster of new and able officers to our Division. I want to welcome our new Program Vice-Chair, **Surya Prakash**, and the members of the Executive Committee, **Bill Casteel**, **Charles Martin** and **Rick Fernandez**. In addition, we are fortunate that **Don Burton** has accepted to continue as councilor of the Division for 2004. An ad-hoc committee, formed by our previous chair (**Rick Flynn**), our next chair (**Gary Schrobilgen**) and myself, will select a slate of candidates for the Fall elections to fill the 2005-2007 Vice-Chair/Secretary and two executive

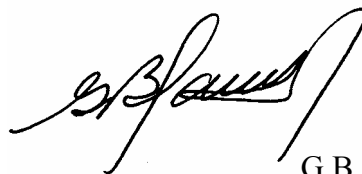
committee positions. If you have suggestions please e-mail them to anyone of us.

The Fluorine Division is proud to sponsor the **Moissan Undergraduate Research Fellowship** every year. Congratulations to this year's winners: **Randolph K. Belter**, from Southeastern Louisiana University, whose student will be working on cycloadditions of 1,1-difluoro-3-chloropropadiene; **Michael Gerken**, from the University of Lethbridge, in Alberta, Canada, and his student **Jonathan Mack**, who will work on the preparation and characterization of MoSF₄ and related chemistry; and **Clinton F. Lane**, from Northern Arizona University whose student will research the use of fluoro-organoboron reagents in the Suzuki coupling reaction.

This year, one of our members, **Herbert Roesky**, received the ACS award in Inorganic Chemistry. Herbert's award is a fitting tribute to his productive and creative research, and serves to underscore the important contributions of fluorine across disciplines. Interestingly, another of the Division's members, **Karl O. Christe** won this award last year!

On a personal note, this coming August, my family and I will relocate to Louisville, Kentucky, where I have accepted a senior professorship in the Department of Chemistry at the University of Louisville. I will also be associated with the Institute of Molecular and Drug Design, which is an umbrella organization that fosters collaborative research at U of L, including the Brown Cancer Research Center in the Medical School. So, don't be surprised if the Fall Newsletter comes with pictures of thoroughbred horses...

If there are concerns or questions you have regarding the Fluorine Division, please send me an e-mail. If there are items you would like to have considered for inclusion in the newsletter, please do the same. I hope you have a relaxing and productive summer.



G.B. Hammond
Chair, 2004

Treasurer Report

ASSETS (as of 31 December 2003)

	(\$) as of 31 December 2002	(\$) as of 31 December 2003
ACS Investment Pool (market value)	88,502.74	103,886.10
Morgan Stanley Dean Witter		
Prime Income Trust	4,378.72	5,053.97
Liquid Asset Fund	10,812.78	830.90
Limited Duration Fund Ex "C"	3,383.60	3,437.53
Moissan Fellowship Total	22,164.76	24,749.38
MFS Mass Investors Trust "A"	8,403.01	10,263.28
Oppenheimer U.S. Gov Trust "A"	6,476.68	6,595.61

continued...

ASSETS (continued)

Limited Duration Fund	5,441.84	5,528.62
Putnam Int. Growth Fund "A"	1,843.23	2,361.87
First Union National Bank	2,543.40	35,778.36
Total Assets	131,786.00	173,736.24
percent change		31.8%

Moissan Summer Undergraduate Research Fellowship in Fluorine Chemistry

	(\$) as of 31 Dec 2002	(\$) as of 30 June 2003	(\$) as of 31 Dec 2003
MFS Mass Investors Trust "A"	8,403.01	9,136.43	10,263.28
Oppenheimer U.S. Gov Trust "A"	6,476.68	6,600.95	6,595.61
Limited Duration Fund	5,441.84	5,487.10	5,528.62
Putnam Int. Growth Fund "A"	1,843.23	1,957.80	2,361.87
Total	22,164.76	23,182.28	24,749.38
% Change		4.6%	6.8%

Points to note: Stabilization and the slow recovery of the Stock Market have resulted in a gradual improvement in our Division's holdings. The Moissan Fund holdings have now recovered to about the 2001 levels; however, the Division has not contributed to the Fund since the year 2000. The net assets of the Division increased significantly in 2003 (31.8%) due to the revenue generated at the 16th Winter Fluorine Conference. The revenue from the 16th Winter Fluorine Conference (net \$25,968.88) is reflected in the above figures.

Vice-Chair Membership Report

The Fluorine Division currently has (as of February 2004) 640 members. We have 565 regular members, 3 national affiliates and 72 divisional affiliates. As of February, there were still 95 members who have not paid their dues. We encourage those members who have not paid their dues to do so as soon as possible. The membership is slightly lower than that of last year. We had 652 members in February 2003 and had increased our membership to 683 by December 2003.

The drive to get members to fill out and send in the Opt-In form was partially successful. We received more than 180 responses. We have a sufficient number of members who have opted-in to publish our membership directory. We plan to print the membership directory this summer and hope to send it to you along with the Fall Newsletter. If you have not opted to be in the 2004 directory and would like to be included, please send the attached Opt-In form immediately.

We request every member to recruit new members to the Fluorine Division to achieve our membership goal of 1000.

We welcome the following new Fluorine Division members. **Natalie Gooseman, Chukwuemeka Isanbor, Thomas W. Krupppa, John F. Lehmann, Egambaram Murugan, Kalpesh Parikh, Hans W. Schmidt, Wade M. Simpson, Katsuyuki Tsuda, Ahok R. Tunoori, Donglu Zhang, Kirk W. Ball, Abdul Ghaffar, Partha Ghosh, and Jason D. Mead.** The new member listing is as of February 29, 2004; the names of other new members will be included in the Fall Newsletter.

Division Councilor Report, 226th ACS National Meeting

The ACS Council Meeting was held on Wednesday, March 31, 2004 in Anaheim, CA. In addition to attending the Council Meeting, I also participated in the Joint Board-Council Committee on Science Meeting on Saturday, March 27, 2004 and the Executive Meeting of the Fluorine Division on Sunday, March 28, 2004. Detailed below are some points of interest from the Council Meeting.

The Committee on Nominations and Elections presented four candidates for President-Elect (2005) to the Council; each presented a three minute speech to the Council. By written ballot, the Council selected F. Sherwood Rowland and Isiah M. Warner as candidates for 2005 President-Elect. They join E. Ann Nalley, who was certified as a petition candidate for 2005 President Elect. The full membership of the ACS will vote for these candidates later in the year.

In other elections, Connie J. Murphy was elected to fill a vacancy on the Committee of Committees and Roger A. Parker was elected to fill a vacancy on the Committee on Nominations and Elections.

The meeting attracted 14,141 registrants; 7595 regular attendees, 3801 students, 467 guests and 2278 exhibitors.

The Council voted to set member dues for 2005 at \$123.00

Membership in the ACS (as year-end 2003) was 159,332.

The Council voted to formally dissolve the probationary Division of Laboratory Automation - at the request of the Division's leadership.

The Council received for consideration, three petitions: 1) Petition for Electronic Balloting; 2) Petition to Change Division Annual Report Deadline; 3) Petition for Membership Requirements for Teachers. Action (voting) on these petitions is expected at the Fall National Meeting (2004) in Philadelphia.

A special discussion item was presented to the Council at this meeting. ACS President Charles Casey and ACS Board Chair James Burke briefed the Council on the status of Partnership efforts between the ACS and the American Institute of Chemical Engineers (AIChE). Councilors participated in a lively discussion of this issue. Partnership efforts are being pursued in programmatic and membership alliances. A merger is not being proposed - but an alliance

between the two organizations. Strong support for moving forward with these initiatives was expressed by the Council.

The Society financial performance was strong last year. For the first time in three years, the performance, including investment gains, resulted in an increase in unrestricted net assets.

The ACS Board voted to approve a number of actions related to the compensation of Society Staff, and follow-up methods for disclosure of how compensation is determined for Society Senior Staff.

In Philadelphia, a two-day symposium on the "Future of Graduate Education" will be held. The organization of this event has been impressive and will be of high interest to many of you who attend the Philadelphia meeting.

Also, in Philadelphia, President Charles Casey will sponsor an "Academic Employment Initiative" (AEI). This will be a Poster Session where prospective academic job seekers will present a poster on their research interests and will be available to talk with people about their interest in an academic position. It will give colleges and universities an excellent opportunity to pre-screen academic job seekers. It will also give persons from departments (other than the top 10) the opportunity to discuss their availability and abilities with academic departments on an equal footing; seems like a good idea and hope it works well.

Vice Chair Programs Report

A. 227th ACS National Meeting, Anaheim, California, March 28 – April 1, 2004

The Fluorine Division held a one-day award symposium followed by a banquet on March 29, 2004 in honor of Prof. Surya G. K. Prakash (University of Southern California), the 2004 recipient of the ACS Award for Creative Work in Fluorine Chemistry. Seventeen excellent papers from authors from different parts of the world were presented in various areas of fluorine chemistry. Both the symposium and the banquet were well attended. The Division thanks both Professors, A. Yudin (U. of Toronto) and G. B. Hammond (U. Mass, Dartmouth) for organizing the symposium.

B. Upcoming Meetings

228th ACS National Meeting: Philadelphia, PA, August 22-26, 2004

A one-day symposium on **Industrial Fluorine Chemistry**, organized by George Shia (Honeywell, Buffalo, NY) and Bob Syvret (Air Products and Chemicals, Inc., Allentown) will take place on Monday, August 23, 2004. More than eight speakers have agreed to participate covering many facets of industrial fluorine chemistry. The second one-day symposium on **Analytical Fluorine Chemistry** (co-sponsored by Analytical Division) organized Olga Sharts (Fluorotronics, San Diego) and Dale Shellhamer (Point Loma University) will be held on Tuesday, August 24, 2004; close to 12 speakers will participate in the event. A half-day **General Session** with contributed papers will also take place on Sunday, August 22, 2004.

17th Winter Fluorine Meeting, St. Pete Beach, Florida, January 9- 14, 2005

Arrangements for the 17th Winter Fluorine Meeting with the theme “**Ubiquitous Fluorine: From Materials to Medicine**” are in full swing. The chair, Surya Prakash (University of Southern California) and co-chair, Viacheslav Petrov (DuPont) have commitments from 16 plenary speakers. Michele Gandy of ACS is doing a marvelous job with the organizational efforts. The multi-disciplinary format for the meeting in a Gordon Conference style setting should be beneficial to the attendees. In addition to plenary lectures, a number of invited and contributed papers as well as posters will be featured. The meeting will also feature the 2005 ACS Award winner for Creative Work in Fluorine Chemistry (recipient to be announced by the ACS). For further information please go the Fluorine Division website:

<http://membership.acs.org/F/Fluo/index.htm>

C. Future Activities

Pacificchem 2005; December 15 –20, 2005, Honolulu, HI

A symposium titled “**Inorganic Fluorine Chemistry: Bridging Fundamental and Applied Chemistry**” will take place under the leadership of Gary J. Schrobilgen (McMaster University), Rika Hagiwara (Kyoto University) and William J. Casteel, Jr. (Air Products and Chemicals, Inc., Allentown). Please contact the organizers for further details.

Events are also planned for **229th ACS National Meeting, San Diego, CA, March 13-17, 2005** and **230th ACS National Meeting, Washington, DC, August 28-September 1, 2005**. Please look for announcements on the division’s website. William Dolbier, Jr. (U. Florida) and Bruce Smart (DuPont) are planning a series of annual colloquia to be held concurrently with ACS National Meetings on **Topics in Fluorine Chemistry**. The first colloquium is planned for 2005 Washington D. C. ACS National Meeting. In addition, the Fluorine Division is expanding its range of program activities to show case the interdisciplinary nature of fluorine chemistry. Please send your comments or suggestions to the Vice-Chair for programs.

INTERNATIONAL MEETINGS OF INTEREST TO MEMBERS OF THE ACS FLUORINE DIVISION

14th EUROPEAN SYMPOSIUM ON FLUORINE CHEMISTRY

July 11 – 16, 2004, Poznań, Poland

Organizer: Prof. Henryk Koroniak

Faculty of Chemistry

Adam Mickiewicz University

Grunwaldzka 6

60-780 Poznań, Poland

E-mail: koroniak@amu.edu.pl; Conference E-mail: fluor2k4@amu.edu.pl

14th ESFC website: <http://www.fluor2004.amu.edu.pl>

FLUOROPOLYMER 2004

October 7 – 9, 2004, Savannah Marriott Riverfront, Savannah, Georgia

See attached advertisement for further details.

17th WINTER FLUORINE CONFERENCE

January 9 - 14, 2005, TradeWinds Resort, St. Pete Beach, Florida

Chair: Prof. Surya G. K. Prakash

Loker Hydrocarbon Research Institute

University of Southern California

837 Bloom Walk

Los Angeles, CA 90089-1661

E-mail: gprakash@usc.edu

Co-Chair.: Dr. Viacheslav Petrov (Du Pont), email: Viacheslav.A.Petrov@usa.dupont.com

Also see the Fluorine Division website: <http://membership.acs.org/F/Fluo/index.htm>

17th INTERNATIONAL SYMPOSIUM ON FLUORINE CHEMISTRY

July 24 - 29, 2005, Shanghai, China

Organizer: Professor Feng-Ling Qing

Secretary General of 17th ISFC

Shanghai Institute of Organic Chemistry

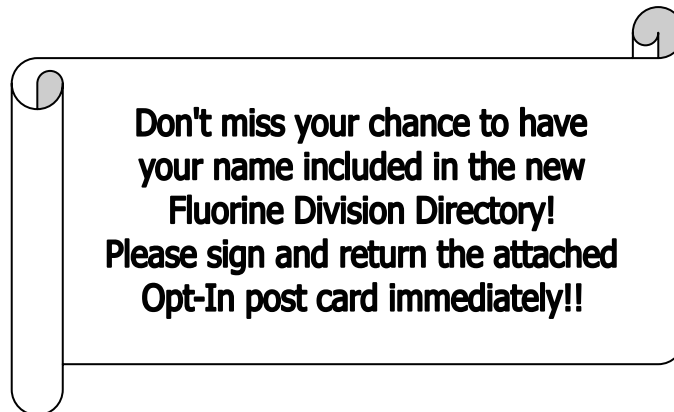
Chinese Academy of Sciences

354 Fenglin Lu, Shanghai 200032, China

Fax: 86-21-64166128

E-mail: fluorine@mail.sioc.ac.cn

17th ISFC website: <http://www.sioc.ac.cn/ISFC>



In an effort to assist the Fluorine Division in the important endeavor of the publication of a membership directory, we are asking you to indicate your desire to be published in such a directory. To protect both your professional and personal privacy, you will be included in this directory **only** if you so indicate on the **post card attached to this Newsletter**.

No response from you will be considered a "no". **Members who have already responded to this question need not return this form.** If you are not sure whether or not you have previously provided your consent to be included in the membership directory, please fill in and return this post card anyway.

Directory information will be limited to your name, preferred address (work or home), city, state, postal code, e-mail address and work phone number (or home phone number if no work number is available and no objection to the use of this number is raised by the member). These directories will be made available only to current members of the Fluorine Division who choose to participate in the program.

AMERICAN CHEMICAL SOCIETY: DIVISION OF FLUORINE CHEMISTRY

NEW MEMBERSHIP APPLICATION **(Please check box or boxes)**
RENEWAL
CHANGE OF ADDRESS

NAME: _____
(Dr. / Mr. / Mrs. / Ms.)

EMPLOYER: _____

ADDRESS: _____

BUSINESS PHONE: _____ FAX: _____

HOME PHONE: _____ E-MAIL: _____

(By signing this form you agree that any information included above can be published, either electronically or in print, in the division's directory which is sent to all members)

CURRENT MEMBER OF ACS? YES NO

ACS MEMBERSHIP NUMBER: _____

CURRENT MEMBER OF DIVISION OF FLUORINE CHEMISTRY? _____

(NEW MEMBERS OF THE FLUORINE DIVISION WILL HAVE THEIR DUES WAIVED FOR THE FIRST YEAR ONLY. THE RENEWAL DUES FOR 2004 ARE \$10.00 FOR ACS MEMBERS; \$17.00 FOR NON-ACS MEMBERS)

FOREIGN MEMBERS: PLEASE BE SURE THAT YOUR CHECK IS IN U.S. DOLLARS DRAWN ON A U.S. BANK. THE SECRETARY-TREASURER WILL ACCEPT U.S. CURRENCY, AT YOUR RISK, OR CREDIT CARD CHARGES IN LIEU OF A CHECK.

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Purdue University
Department of Chemistry
560 Oval Drive
West Lafayette, IN 47907-2084
FAX : (765) 494-0239



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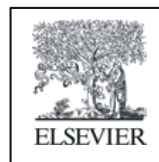
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FLUOROPOLYMER 2004

Current Frontiers and Future Trends



<http://savannah-visit.com>

Savannah Marriott Riverfront
Savannah, Georgia, USA
October 7 - 9, 2004

ORGANIZERS AND TUTORIAL SPEAKERS

Prof. Dennis Smith, Clemson University, Chair
Dr. William Cogio, 3M
Prof. Darryl DesMarteau, Clemson University
Prof. Ken Wynne, Virginia Commonwealth
University
Dr. Burno Améduri at the Ecole Nationale
Supérieure de Chimie, Montpellier, France
Prof. Pat Cassidy, Texas State University
Dr. Chris Topping, Clemson University, Poster
Session Chair

SESSION TOPICS

1. Organofluorine chemistry, fluoropolymer structure/property relationships, and State of the Fluoropolymer Industry Tutorials
2. Coatings and Surfaces
3. Photonic and Electronic Applications
4. Membrane and Energy Applications
5. New Materials, Composites & Processes
6. Fluoropolymers in Biology and Biomedical Applications

INVITED SPEAKERS

Prof. Joseph DeSimone, University of North Carolina and North Carolina State University
Dr. Robert Iezzi, Elf Atochem
Prof. Chris Ober, Cornell University
Dr. Louay Eldada, Dupont Photonics
Prof. Karen Gleason, Massachusetts Institute of Technology
Dr. William Farnham, Dupont
Prof. Steve Clarson, University of Cincinnati
Prof. Robert Moore, University of Southern Mississippi
Prof. T. C. Mike Chung, The Pennsylvania State University
Dr. Michael Owen, Dow Corning (ret.)
Prof. Morton Litt, Case Western Reserve University
Dr. Igor Chorvath, Dow Corning
Prof. Giancarlo GALLI, Università di Pisa, Italy
Prof. G. Kostov, University of Bourgas, Bulgaria



PAPER SUBMISSION

To submit a paper or poster, send a title and brief abstract (ca. 100 words) by April 30, 2004 to Prof. Dennis Smith, Clemson University, Department of Chemistry, Clemson, SC 29634. Phone: 864-656-5020, Fax: 864-656-6613, email: dwsmith@clemson.edu. A book of abstracts for presentations and posters will be distributed at the symposium. Accepted papers and posters will require a one to two page extended abstract or preprint due by July 31, 2004 which may include tables or figures and references. A 12-point Times font on 8 1/2 x 11 paper with single spacing is preferred. This information should be submitted to Kathy L. Mitchem, Division of Polymer Chemistry, Inc., Virginia Tech, 410 Davidson Hall, MC 0279, Blacksburg, VA 24061, Fax: 540-231-2588, e-mail: kathyl@vt.edu. Both a hard copy and an electronic file are appreciated.

ACCOMMODATION S

Savannah is a city rich in history, southern charm and old-fashioned hospitality. Located 20 minutes from the Savannah International Airport, the Savannah Marriott Riverfront connects famous River Street to the heart of one of the largest Historic Districts in the United States. Hotel reservations should be made directly with the Marriott, 100 General McIntosh Boulevard, Savannah, GA 31401, Phone: 912-233-7722, Fax: 912-233-3765. In order to receive our hotel group rate, call or fax hotel reservations with reference to the Polymer Division Fluoropolymer rate of \$137.00.

(<http://www.marriott-hotels.com>)

REGISTRATION

The registration fee is \$700 for Members of the Division of Polymer Chemistry and \$750 for Non-Members (\$175 Student Members, \$225 Student Non-Members). There is a \$175 fee for a Non-Participating Guest that may accompany you. Written cancellation or registration after August 15, 2004 will cost an additional \$50. Checks may be made payable to the Division of Polymer Chemistry. To register online, see:

<http://www.polyacs.org/arcmeetings/fluoro.1004.shtml>, or download and complete the registration form with remittance to Lesia Robertson, Division of Polymer Chemistry, Inc., Virginia Tech, 410 Davidson Hall, M.C. 0279, Blacksburg, VA 24061, Phone: 540-231-3052, Fax: 540-231-2588, e-mail: lesiar@vt.edu,

web: www.polyacs.org.

For online details and registration, see:

<http://www.polyacs.org/arcmeetings/fluoro.1004.shtml>

*The Polymer Design for Biology:
Activity and Structure, POLY Biennial
will precede this workshop at the
Savannah Marriott on October 3-6, 2004*

FLUOROPOLYMER 2004

Registration Form

October 7-9, 2004

Prof. ? Dr. ? Mr. ? Ms. ? Mrs. ? Miss ?

Name _____

Organization _____

Mailing Address _____

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Country _____

Phone _____ Fax _____

E-mail _____

? \$700 Member Registration

? \$750 Non-Member Registration

? \$175 Member Student Registration

? \$225 Non-Member Student Registration

? \$175 Accompanying Guest

Name: _____

? \$50 Late Fee (after August 15, 2004)

Total Amount Due: \$ _____

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? Yes, I plan to contribute a poster

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**American Chemical Society Division of Fluorine Chemistry
Membership Directory Opt-In Form**

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Fluorine Division Membership Directory

____ I do not choose to have my information published in
the Fluorine Division Membership Directory

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