

April 2011

**SAS NEWS FROM PITTCON MARCH 13-18
 AT THE GEORGIA WORLD CONGRESS CENTER, ATLANTA, GA**



SAS hosted Student Night at Pittcon 2011 in Atlanta, GA, at Stats Restaurant on Monday, March 14, from 8:00 p.m. to 11:00 p.m. Organized by SAS Student Representative John-David McElderry, an enthusiastic group of SAS student members enjoyed free food, drinks, mingling, and games. John-David also announced a new program for students entitled SAS Student Ambassadors. SAS Student Members may apply for funding to attend professional conferences in exchange for serving as an official SAS representative at the meeting. Further details are available at sasadmin@s-a-s.org.



John-David McElderry announces new program for students



Group photo of student members

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SAS Reports

President's Report

Curt Marcott – Pittsburgh Conference, Atlanta, March 2011

It is my great honor to take on the responsibilities of President of the Society for Applied Spectroscopy for 2011. The challenges and opportunities facing the Society are significant, but I have great confidence in the dedication of our SAS Office and Journal staffs, as well as the many Member volunteers that serve the Society in so many different capacities. Special mention must be made of the work of Editor-In-Chief Peter Griffiths and Editor Michael Blades are doing to maintain and improve the scientific quality of *Applied Spectroscopy*, the Society's journal and our pride and joy. To get an idea of recent and up-coming changes with the Journal, I direct you to the excellent January Editorial ([Applied Spectroscopy Moves Forward](#)) written by Peter, Michael, and Managing Editor Rebecca Airmet.

Responsibility for implementation of the new website (<http://www.s-a-s.org>) has shifted from Jim de Haseth to the SAS Office in Frederick. Almost all of the original elements envisioned by Jim are in place, or will be very soon. Advertising links are active, members are paying their dues through our secure on-line store and are, as part of the process, able to update their own contact information online. The entire site, including all journal issues, is well on its way to being searchable from the homepage. Student activities continue to increase, thanks to the efforts of student representative John-David McElderry. I look forward to working closely with our new President-Elect Mary Kate Donais and the rest of the Executive Committee in the coming year.

We continue to strengthen our relationships with both Pittcon and FACSS. Thanks to the assistance of John Jackovitz, SAS is once again running two excellent symposia at Pittcon. I encourage everyone to attend this year's symposia organized by Gary Hieftje (Alternative Mass Spectrometers for Elemental Analysis) and Peter Griffiths (Infrared Spectroscopy at High Speed: From Milliseconds to Picoseconds). We look forward to continuing this tradition at Pittcon 2012 with symposia organized by Bruce Chase (Pulsed Lasers, Non-linear Spectroscopies, and Vibrations: From a Laboratory Curiosity to Practical Applications) and Jim Holcombe (Laser Induced Breakdown Spectroscopy) already in the works. SAS continues to sponsor a poster session on Sunday evening at Pittcon with eight posters scheduled to be presented this year. Our efforts to expand our presence at FACSS have also continued and we are pleased to be sponsoring our third consecutive SAS Day at the Reno FACSS meeting in October. The response to the first two in Louisville and Raleigh has been terrific. Thanks to Gloria Story and her Membership Committee for initiating and sustaining these unique events that give us an opportunity to mingle with our SAS colleagues in a relaxed atmosphere.

Secretary's Report

Katherine Bakeev – Spring 2011

Executive Committee Meeting - Saturday, October 16, 2010

Raleigh, North Carolina - Chancellor Room

President – Fred LaPlant - present

President-Elect – Curtis Marcott - present

Past President – Jon Carnahan - present

Secretary – Katherine Bakeev - present (part of meeting)

Treasurer – Paul Bourassa - present

Membership Coordinator – Gloria Story - present

Web Editor – Ron Williams - present

Local/Technical Section Affairs Coordinator – David Heaps - present (part of meeting)

Parliamentarian – Diane Parry - present

Journal Editor-In-Chief – Peter Griffiths - present

Journal Editor – Michael Blades - present
Newsletter Editor – David Butcher - present
Student Representative – John-David McElderry - present (part of meeting)
SAS Executive Director – Bonnie Saylor - present
SAS Office – Stephanie Iocco
SAS Office – Victor Hutcherson
President-elect – Mary Kate Donais - present
Allen Press – Ed MacMillan - present
Guests: Jim Ryzak and Ian Lewis – FACSS (part of meeting)

The meeting was called to order at 3:00 PM and all were welcomed by Fred LaPlant, SAS President.

A motion to approve the minutes from the February 28, 2010, Executive Committee meeting was made by Paul Bourassa with a second by Curt Marcott. The minutes were approved unanimously.

A motion to accept all the Executive Committee reports as presented was made by Paul Bourassa and seconded by Curt Marcott. The EC reports were accepted unanimously.

A motion to accept all the national SAS Committee reports was made by Paul Bourassa and seconded by Curt Marcott. The National SAS committee reports were accepted unanimously.

A motion was made by Paul Bourassa to accept the delegate reports (FACSS and Chemical Heritage). The motion was seconded by Curt Marcott and the delegate reports were accepted unanimously.

Unfinished Business

A. Website Ron Williams/Mary Anne Ohlhoff via teleconference

The initial priorities for work on the website were reviewed and include:

- On-line membership form
- Corporate sponsors on home page
- Functioning and improving search engine
- Update and expand content

The work in phases 1, 2, and 3 for continued website development was reviewed and includes a budget estimate of \$15-20K for phases 2 and 3. The EC is extremely happy with the progress on the website under the leadership of Mary Anne.

Discussion on issues around the website followed. There is a question on what size of ads are offered. At this time there are 2 sizes – but changes to this may impact page layout.

Ed MacMillan raised the point of SAS sponsorship of webinars – which should be science-based.

There is also interest in adding a social networking piece to the website for spectroscopists which may include discussions on technical topics. Questions still remain on how content will be added by various EC members.

Decisions need to be made considering other digital formats for content on the website. At this time newsletters are in pdf – do they need to be? This does make archiving them easier. In the future the journal should be also available as xenioformat for members as an option – not a print edition, nor a pdf.

B. Applied Spec Ad Updates

Ed MacMillan reported that advertisement sales through Oct 15th are 10% down from 2009, but still at 200K level for the year.

C. SAS Day at FACSS

Gloria Story presented four options for the SAS day at the 2011 FACSS conference in Reno. The four events are: Truckee, Donner and Tahoe City; V&T Railroad; National Automobile Museum; boat trip on Lake Tahoe. The options were reviewed and discussed. The automobile museum is of highest interest if it can be changed from an evening event to an afternoon one, so as not to conflict with the SAS poster session. Bonnie will see if the time can be changed and the membership committee will then make a decision on the event.

D. SAS Symposia at PITTCAN

SAS will have two symposia at Pittcon 2011. Peter Griffiths and Gary Hieftje are organizing for 2011. For 2012 we would like to have high-profile individuals to propose symposium topics – biophotonics/bioimaging – Mike Blades recommends Mike Morris of Univ of Michigan as organizer; young spectroscopists (Christy Haynes); working towards world peace with spectroscopy/first world solutions for emerging markets – Diane Parry and Mark Kate Donais; breakthrough spectroscopy and genomics – Mike Blades .

E. Student Issues

John-David McElderry proposed a student ambassador program to participate at conferences and represent SAS, and serve as delegate to provide information on SAS to other spectroscopy-related conferences. The amount of support and procedures for choosing recipients needs to be delineated and presented to EC. Action: John-David McElderry to make a more formal proposal with details on how the program should be carried out. The SAS student event will be held at 7PM Monday Oct 18th at Tir Na Nog Irish Pub, Raleigh, NC.

F. FACSS Surplus Funds

Surplus funds from FACSS will be kept on account for the member organizations. Guidelines on disbursement of funds have been provided by FACSS.

G. FACSS Site Selection

Jim Ryzdak presented the list of options for the 2013 FACSS meeting site selection: Milwaukee, Indianapolis, Raleigh, Louisville. Jim provided information on Milwaukee based on a recent site visit. Unanimous vote that SAS support vote for Milwaukee.

H. FACSS Meeting Input

Ian Lewis stated that he will be at Pittcon soliciting officers for FACSS offices.

New Business

A. Journal Honorarium Fred LaPlant

Rebecca Airmet and LeNelle McInturff are the journal staff and their compensation is being considered for increase. Editor-in-chief and editor are paid 12.5K and 7.5K respectively, and feel that this is due for review. EC votes to increase Peter's rate by 1K and \$600 for Mike. The EC votes and approves this increase. Motion to table further discussion on the salary review. The salary review for editorial staff requires further discussion and must be considered together with salary of all society staff. The matter will be taken up for review by an ad hoc committee of Fred LaPlant, Paul Bourassa, Diane Parry and Curt Marcott.

B. Relationship between Journal and the Society

Peter Griffiths pointed out that the Journal is almost independent from the Society financially. Most of the authors are not members. There was discussion on how to invite these authors to become members; is there value in having sister societies in China and other regions, tour speakers, participation at Chinese "Pittcon"? How does the SAS create value for international members?

- C. Spectroscopical Society of Japan
Peter Griffiths learned on a recent visit to Japan that the Spectroscopical Society of Japan journal has really good review articles that are all written in Japanese. Peter thinks there may be value in the journal considering publication of some of these articles in English in Applied Spec. Unanimous approval that Peter move forward to work with the Spectroscopical Society of Japan to solicit interaction and adapt review articles for Applied Society.
- D. Journal Editor Position
Fred LaPlant stated that Peter Griffiths will step down as Editor-in-Chief of the journal in June 2012 (at the end of his 3-year term) and therefore a search must begin for a new Editor-in-Chief.
- E. Presidential Terms
Peter Griffiths raised the point that the SAS Presidential term is one year while some of the other EC positions are longer. The one-year term appears to be just long enough for the incumbent to learn the job, and therefore effectiveness may be improved if the term is increased. Consideration is to increase the presidential position to a longer term of 2 years. A motion was made by Paul Bourassa to revert this issue to the constitution and by-laws committee to examine extending presidential term to 2 years. Motion carries unanimously.
- F. SAS Logo and T-Shirt Contest
Fred LaPlant had initiated a contest for new logos and a T-shirt design. Though several submissions have been received, this topic was tabled for off-line discussion.
- G. Constitution and By-laws Vote
Jon Carnahan, chair of the Constitution and By-laws committee, presented a proposed by-law change to by-laws section 14 to create a newsletter committee. The EC voted unanimously to approve this change. The change must now be voted on by the governing board.
- H. Budget Review and Approval
Paul Bourassa presented the 2011 budget for the SAS. The budget was approved unanimously.
- I. Special member promotion for Monday night new members
Bonnie Saylor brought forth a proposal to have a special promotion for new members who join SAS during the opening mixer of FACSS on Monday, Oct. 19th. This is meant to apply to the on-line only membership incentive of some promotional price. Motion to offer \$45 incentive membership fee for Monday evening only. The motion passed unanimously.

The meeting was adjourned at 10:13 PM.

Emergency Executive Committee Meeting

Monday, October 18, 2010 - Raleigh, North Carolina - Chancellor Room

President – Fred LaPlant present
 President-Elect - Curtis Marcott present
 Past President - Jon Carnahan present
 Secretary - Katherine Bakeev present
 Treasurer - Paul Bourassa present
 SAS Executive Director - Bonnie Saylor present

An emergency meeting of the Executive committee was convened on Oct 18th to discuss topics that had arisen from the publications committee and required consideration by the EC in advance of the Governing board meeting.

The meeting was called to order at 11:34 by Fred LaPlant, SAS President.

A recommendation was made by the Publications committee to make all the Focal point articles (past and future) as well as all the A pages of the journal open access. Paul Bourassa moved to accept this recommendation, and the motion was seconded by Jon Carnahan. The EC voted unanimously to support having all focal point articles and A pages of the journal open access.

The Publications committee would also like to update the statement of the focus for the journal to be atomic spectroscopy. This would then allow the editors to decline articles that fall outside of the scope. Discussion followed on this point. It was noted that data on how the journal's impact factor is influenced by different techniques (except NMR, for which data have been shown) has not been presented. The question of how such a decision will impact our membership and those members who use techniques other than atomic spectroscopy was raised. The EC determined that it is not within the authority of the EC to make an official policy on the journal's focus. The journal editors are entitled to use their discretion in declining submissions to the journal.

The meeting was adjourned at 12:00 PM.

Treasurer's Report

Paul Bourassa – Spring 2011

Society for Applied Spectroscopy, Inc.
Statement of Activities – Actual vs Budget (Summary)
January through December 2010

	Jan – Dec 2010	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
4230 Focal Point Book	24	50	(26)	48.0 %
4300 Member Dues	86,221	122,000	(35,779)	70.7 %
4500 Journal Income	752,143	738,000	14,143	101.9 %
4800 Chapter Income	0	500	(500)	0.0 %
4830 General Contributions	12,633	4,500	8,133	280.7 %
4850 Investment Revenue	918	5,000	(4,082)	18.4 %
4900 Misc. Income	149	3,000	(2,851)	5.0 %
Total Income	852,087	873,050	(20,963)	97.6 %
Expense				
6000 Salaries	270,350	260,000	10,350	104.0 %
6040 Payroll Taxes	22,670	17,000	5,670	133.4 %
6060 Personnel Benefits	190	4,000	(3810)	4.8 %
6100 Executive Committee	37,046	38,000	(954)	97.5 %
6150 Governing Board	1,781	1,300	481	137.0 %
6170 Membership Committee	1,633	1,000	633	163.3 %
6190 Other Committees	2,336	1,000	1,336	233.6 %
6200 Journal	327,742	355,200	(27,458)	92.3 %
6300 Newsletter	1,000	1,000	0.00	100.0 %
6330 Internet Services	26,755	10,000	16,755	267.5 %
6400 Member Services	25,208	25,000	208	100.8 %
6600 Awards/Grants	27,362	25,000	2,362	109.4 %
6650 Sections	16,127	10,000	6,127	161.3 %
6700 Conferences	6,968	8,000	(1,032)	87.1 %
6730 Member Acquisition/Retention	0	15,000	(15,000)	0.0 %
6800 Society Office	84,973	90,500	(5,527)	93.9 %
7000 Financing Expenses	4,522	5,000	(478)	90.4 %

7200 Depreciation	3,349	5,000	(1,651)	67.0 %
Total Expense	860,011	872,000	(11,989)	98.6 %
Net Ordinary Income	(7,924)	1,050	(8,974)	(754.7)
Other Income/Expense				
9900 Chapter Distribution Add-Back	(1,400)	(12,500)	11,100	11.2 %
Total Other Expense	(1,400)	(12,500)	11,100	11.2 %
Net Other Income	1,400	12,500	(11,100)	11.2 %
Net Income	(6,524)	13,550	(20,074)	(48.2 %)

Executive Director's Report

March 2011

Membership

Final 2010 Numbers: 1,670

Membership Breakdown: USA 1,370 International 300

Total New Members for 2010: 435 Total Student Members: 334

Total Not Renewed for 2010: 465

Registered for Online Journal: 357

Total Enrolled in a Regional Section: 853 Total Enrolled in a Technical Section: 725

Total Paid for Extra Section: 279

Total Joined Online Only: 394 Online Only USA: 275 International: 119

Current 2011 Numbers: 885

Membership Breakdown: USA - 709 International - 176

Total New Members for 2011: 282 Total Student Members: 202

Total Joined Online Only: 237 Online Only USA: 151 International: 86

Registered for Online Journal: 163

Total Enrolled in a Regional Section: 410 Total Enrolled in a Technical Section: 335

Total Paid for Extra Section: 116

Subscriptions

Final 2010 Numbers: 879

SAS Subscriber Breakdown: USA - 275 International - 98

Registered for Online Journal: 333

OSA 2010 Numbers: USA - 156 International: 350

Current 2011 Numbers

2011: 729

SAS Subscriber Breakdown: USA - 200 International - 53

OSA 2011: USA - 143 International - 333

Members and Subscribers

Membership was down in 2010 by 107 members. Considering the state of economy last year, this is not surprising. However, that being said, the student numbers and new member numbers have gone up. Hopefully this is a positive trend and will continue for 2011. Our current year numbers are slightly lower than the same time last year; however, because of our new web system, our renewal notices got out

very late and we have not yet sent second notices so hopefully these numbers will pick up. Our arrangement with OSA to offer discounted online only memberships to each other's members has been a huge success for SAS. OSA has gotten over 140 members, which is about 1% of their total membership. SAS in return has gotten OSA only 15 new members; however, that is also about 1% of our membership. Our subscriber numbers in 2010 went up by 42 over 2009 numbers thanks to our relationship with OSA. This is especially good news considering the cuts that libraries have been making.

Finances

Our audit has been postponed until the end of August so we can better prepare and focus on getting all of our website plans in place.

Website

The majority of our time over the past year has been spent creating, updating and working on the website and all the many facets that are involved. The amount of time and energy that has gone into making a system that is easy for our members and functional for the office has been tremendous. Mary Anne Ohlhoff and Stephanie Iocco have made major contributions to this effort and I applaud them for their dedication and often long hours that they have put in to keep this project moving.

Member Event at FACSS

We are all set for our event on the Tahoe Queen. Invites will be going out upon our return.

Final Word

This year will be my and Victor's 15th year with SAS. It has been a pleasure to serve the Society and to see how it is has changed. We look forward to a productive future.

Report to the SAS Executive Committee

Peter R. Griffiths and Michael W. Blades, Journal Editors; Rebecca Airmet, Managing Editor

January 24, 2011

Applied Spectroscopy has run without major apparent issues since the last Executive Committee meeting in October 2010. However, during the next five years, the scientific publishing business will probably undergo major changes that we must be careful to follow so that the journal format does not become obsolete. To this end, Rebecca Airmet's title has been changed from Composition and Production Editor to Managing Editor. It will be part of Rebecca's responsibilities to follow the important changes and trends in scientific publishing (besides, of course, carrying out all the tasks that were previously assigned to her.)

Brief Overview of the current status:

Original manuscripts submitted: 353

Revised manuscripts submitted: 263

Manuscripts accepted without revision: 7

Manuscripts rejected: 124

Rejected with review: 86

Rejected without review: 38

Rejected after revision: 15

Manuscripts requiring a second revision: 54

Manuscripts accepted after revision: 224

Manuscripts withdrawn: 13

Total original manuscripts not withdrawn: 340

Total manuscripts submitted (original & revision): 616

Total papers published in 2010: 197

Data for the Past Six Years

Little has changed over the past 6 years, as can be seen from the following data.

	2005	2006	2007	2008	2009	2010
Papers received for review	292	321	352	356	352	353
Total articles printed	201	210	197	207	194	197
Total articles rejected	80	117	125	155	147	124
Rejection Rate %	27.4	36.4	35.5	43.5	41.8	35.1
Focal Point (review) articles published	1	4	2	6	3	3

Time to Publication: The average number of days from receipt to first decision was 49.7 and the average number of days from receipt to the final decision was 79.5. Obviously, we would like to decrease both numbers, but especially the first one. It is the journal's policy that each submitted manuscript is reviewed by two people and we are successful well over 90% of the time. We usually send out requests for review within three days of receiving the submitted manuscript. Although we ask potential reviewers to respond within a week, it sometimes takes several chaser messages before we get a response. As the number of papers submitted to all journals continues to rise, it is getting increasingly difficult to get the people whom we contact to give a positive response. Occasionally as many as six people decline to review a given manuscript before we receive the second acceptance. In this case, I will accept a single review, provided that this review appears reasonably comprehensive.

The second factor that contributes to the ~50 days from receipt to first decision is the slowness of some reviewers. We ask for a review back in 3 weeks but sometimes it takes two or three (and in the most egregious case, six!) times this length of time for a referee to send back his review.

A decision is made on most revised manuscripts without sending them out for additional review. Thus, bearing in mind that the most common recommendation is "publish with major revision", it should not be surprising to find that most of the additional 40 days between the first and final decisions is the length of time that it takes authors to make the changes indicated in the review, which is out of the control of the editorial staff.

Quality of the Published Papers: As can be seen from the percentage of submitted manuscripts that are rejected, the quality of manuscripts submitted to the journal is mixed. The highest percentage of rejected manuscripts are submitted from mainland China. Part of the problem with papers from the PROC is that the language is sometimes so bad that the paper is triaged without external review.

ISI Statistics: As noted in our previous report, the biggest problem that we have to overcome is the precipitous drop in the Impact Factor for the journal. Preliminary statistics make it appear that the Impact Factor for 2010 will not be significantly different from that for 2009. Possible reasons for the change in Impact Factor were given in the previous Journal Editors' Report. The following actions have been taken since the October meeting of the Executive Committee and Governing Board in October 2010. The number of Focal Point review articles will increase markedly. Articles have been commissioned for the rest of this year (see Appendix) and beyond. Both the Governing Board and Executive Committees voted to make all Focal Point articles open access.

Year	Impact Factor
2004	1.848
2005	1.868
2006	1.879
2007	1.902
2008	2.062
2009	1.564

Negotiations have started with the Spectroscopical Society of Japan whereby appropriate Japanese-language review articles that appear in their journal (Journal of the Spectroscopical Society of Japan) will be translated into English and appear as Focal Point articles in Applied Spectroscopy. The SSJ has agreed in principle to this arrangement and the following memorandum of understanding has been drafted:

DRAFT MEMORANDUM OF UNDERSTANDING

The Society for Applied Spectroscopy (SAS) and the Spectroscopical Society of Japan (SSJ) agree that certain of the Japanese language review papers that have been published in the Journal of the Spectroscopical Society of Japan (Bunkô Kenkyû) will be reprinted in English in Applied Spectroscopy (the English-language journal published by the SAS.)

To this end, after receiving an invitation to do so, authors of articles that have been published in the Journal of the Spectroscopical Society of Japan will supply an English translation of their article to the editor of Applied Spectroscopy (after adding any new material that they deem appropriate.) The article will be reviewed and edited by the editor-in-chief and/or the composition editor of Applied Spectroscopy to ensure that the content and presentation is of high quality and returned to the author for approval of any changes that have been made. All papers that are published in Applied Spectroscopy are peer-reviewed; therefore, the article will then be sent out for external review and published expeditiously after any agreed to changes recommended by the reviewers have been made. These articles will be designated as Focal Point Review articles.

The copyright for the Japanese language version of each manuscript will be held by the SSJ, while the copyright for the English language version will be held by the SAS. All authors of articles published in Applied Spectroscopy are required to sign a copyright release form.

Focal Point Review articles are published in Applied Spectroscopy with color graphics at no charge to the author. They are published as open access articles, i.e., they can be downloaded at no cost to the reader.

This will be signed by Bonnie Saylor, Executive Director, SAS and all or some of the people listed below:

Curtis Marcott, President, SAS

Yoshifumi Nishimura, President, SSJ

Peter Griffiths, Editor-in-Chief, *Applied Spectroscopy*

Naoshi Imashiro, Editor, *Journal of the Spectroscopical Society of Japan*

One other move to increase the number of citations to Focal Point articles has been made. Because we have not been careful about how Web of Science designates articles as reviews many of these articles have not been identified as such by Web of Science for the most part. As of 2010 this has been remedied. To increase the accessibility of FP papers to electronic search systems, all FP articles will now include the word "Review" in the header and the abstract (which is necessary if FP articles are to be designated as review articles by abstracting services such as Web of Science). This is vital if *Applied Spectroscopy* articles are to be more readily accessible for literature searching. We are looking into the possibility of publishing color figures for all papers and not just for the ones that the authors have agreed to meet the charge of \$600/page. Again, the editor-in-chief hopes to report on further progress in this respect at the Pittcon meeting of the Executive Committee.

One other thing. Currently, authors of papers in the journal do not receive a pdf of their article (only the page proof). We plan to change this so that authors receive a pdf of their paper well before the hard copy appears, whether or not they are members of the SAS. We are moving to a paperless work flow,

which will allow even earlier availability of preprints. Currently the time from acceptance to posting of the on-line issue is 4-8 weeks. We would like to cut that to 3-4 weeks and believe that it's possible.

Aims and Scope: The preliminary version of the Aims and Scope of the journal is shown below. This is being circulated to the associate editors and editorial advisory board and it is hoped that it will be in good shape for a vote of the Executive Committee at the Pittcon meeting of the Executive Committee.

Aims and Scope

Reporting High-Quality Fundamental Research and Applications in Spectroscopy

Applied Spectroscopy is an international journal for the publication of original research, both fundamental and applied, and review articles covering all aspects of spectroscopy. Papers published in the journal present results obtained using various types of molecular and atomic spectroscopy. These include, but are not limited to:

- ultraviolet-visible absorption, fluorescence, and phosphorescence spectroscopy;
- near-infrared, mid-infrared, Raman, terahertz, and microwave spectroscopy;
- non-linear optical spectroscopy and surface plasmon resonance;
- atomic absorption emission and fluorescence, X-ray fluorescence, photoelectron, laser-induced breakdown, optogalvanic spectroscopy and ICP-MS;
- sampling techniques including transmission, reflection, emission, and photothermal spectroscopy;
- spectroscopic imaging for analysis of the structure and composition of materials;
- spectral processing methodologies such as 2D-correlation spectroscopy, baseline correction, component resolution, and other chemometric methods applied to spectra or spectral analysis;
- cutting-edge hyphenated and interdisciplinary techniques.

The journal seeks to be comprehensive in scope, with its primary aim the publication of papers on both the fundamentals and applications of spectroscopy. Fundamental topics include, but are not restricted to, the theory of photonic spectra and their interpretation, instrumentation design and operational principles. Application papers are intended to feature innovative spectroscopic methods and techniques for materials characterization and quantification. Papers from all fields of scientific endeavor in which applied spectroscopy can be utilized will be considered for publication. These fields include chemistry, physics, biological and health sciences, environmental science, materials science, archeology and art conservation, and forensic science.

In addition to full papers, the journal publishes Notes, Spectroscopic Techniques, and Correspondence related to published papers. For papers falling in the last category, the letter will be followed by a response from the author whose paper is under discussion. A special section of the journal (invited Focal Point Reviews) is devoted to definitive, comprehensive reviews of spectroscopic techniques and applications and is available as open access. The journal encourages the submission of proposals for consideration for Focal Point articles.

Meggers Award: In what appears every year to be a very tight competition, the Meggers Award committee voted the following paper as winner of the Meggers Award: "Combined Apertureless Near-Field Optical Second-Harmonic Generation/Atomic Force Microscopy Imaging and Nanoscale Limit of Detection" Kent A. Meyer, Kin C. Ng, Zhanjun Gu, Zhengwei Pan, William B. Whitten and Robert W. Shaw, *Appl. Spectrosc.*, **64**, 1-7 (2010).

Appendix: Tentative Order of Focal Point Articles

(The month listed is the month that the article is to be received)

January	Pappas	Fluorescence Correlation Spectroscopy: Biochemical and Microfluidic Applications (in press)
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February	Koch and Günther	Laser Ablation ICP-MS (in press)
March	France	Hyperspectral Imaging in Document Evaluation
	Omenetto and Hahn	LIBS, Part 2
April	Smith and Graham	Surface-enhanced resonance Raman spectroscopy
	Nafie, Dukor and He	Determination of Absolute Configuration and Solution-Phase Conformations of Small Chiral Molecules using VCD
May	Chou	Nanoscale far-field microscopy
	Sommer	Spatial resolution in microspectroscopy
June	Proefrock	Quantitative analysis in environmental and life sciences with ICP-MS detection
	Deckert	Tip-Enhanced Raman Spectroscopy
July	Parker and Umapathy	Time-resolved resonance Raman spectroscopy
August	Nafie, Dukor and He	Raman Optical Activity Spectroscopy
September	Levin and Schultz	Spectroscopy from benchtop to bedside
October	Stewart Parker	Inelastic neutron scattering
November	Parker and Towrie	Time-resolved infrared spectroscopy

Applied Spectroscopy - Managing Editor's Report

Rebecca Airmet – Pittcon 2011

Many of the projects discussed at FACSS 2010 have been successfully implemented, while others are in progress and some new projects have been started.

Finished projects:

Focal Point articles dating back to 1994, when we first began to publish them, are now open access on our Ingenta platform. OSA has agreed to make Focal Point articles open access moving forward, beginning with the April 2011 issue (the first FP of 2011).

The mailing date has been moved up by 2.5 weeks. Hard copies of issues now mail on or about the 15th of each preceding month instead of during the first week of the same month.

The spring Coblenz Newsletter and Pittcon Guest Editorial have been aligned with the issue of the journal that is distributed at Pittcon (now the March issue); we plan to align the fall Coblenz newsletter and the FACSS editorial with the issue that will be distributed at FACSS, providing additional exposure for all these organizations, as well as creating a better advertising sales environment.

We have instituted an almost completely paperless electronic workflow; figures are still checked in hard copy for quality assurance but all papers are primarily proofed as PDFs and exchanged with the press via ftp. This cuts approximately 8 business days out of the production cycle (out of approx 32 days, a 25% savings in time) as well as saving approximately \$200 per issue in hard proof mailing costs. It also greatly reduces the amount of waste paper being generated from month to month.

We have reduced the composition budget by approximately \$500/year by instituting an alteration base charge instead of individual per-alteration charges.

We have also implemented a system for charging authors for excessive changes at the revision stage. This does NOT include changes due to errors made during copyediting or during typesetting and refers only to non-substantive changes by the authors. Authors are informed of these charges in the Author Guidelines, in their acceptance email, and in the email accompanying their proof. Since this change was instituted, I have seen a drop in the number of unnecessary requested alterations, saving us money in the composition stage. This savings will be rendered moot by the above-mentioned change to the

production contract with Allen Press (base charge instead of per charge), but it is my belief that AP would not have been willing to offer us a flat charge against alterations if we did not already carry some of the most minimal alteration charges in the industry (industry average is 35% of composition costs tagged as alterations; our average over 2010 was 10-15%).

As of the January 2011 issue, we began publishing DOIs (digital object identifiers) in all papers to facilitate early citations. Please see further issues with DOIs below.

We have moved posting of preprints up from the second revision stage to the first revision stage (~2 weeks earlier than previously). FastTrack articles post for member availability 3-7 weeks after acceptance (this is actually quite competitive). Right now FT articles can only be viewed by members, but Ingenta is planning on rolling out a new FastTrack tool that includes the ability to purchase preprints (PPV, or pay per view) by Q3 of 2011.

I have begun announcing posting of preprints on the members' site on LinkedIn in an effort to increase visibility of this benefit to members. I have also been announcing the posting and mailing of full issues. After experiencing delays with electronic issues going live on Ingenta, we have established new procedures to better ensure timely posting of issues.

We have resolved a figure resolution/file size problem by working with Allen Press and Ingenta. Hopefully we will not see any more massive files (30MB+) or figures with unacceptable appearance.

We have also tightened up the procedure for reviewing and approving figures in submitted manuscripts, which has resulted in improved quality and reduced cost of processing.

By publishing Editorials such as the one in the January 2011 issue, detailing changes to the journal, we are seeking to create a sense of ownership and participation among our members, encouraging submission of their best work to *Applied Spectroscopy* and ensuring continued membership. We've also begun publishing editorials to the front page of the SAS homepage in order to increase interest and visibility to both members and web traffic.

Because only header data is currently tagged as searchable (including title, authors, abstract, index headings, and references), we have begun extending titles to include both acronyms and written-out terms. I have also begun adding a more inclusive range of index headings to articles. It is too early to tell whether this move has been advantageous, but authors seem to appreciate that we are actively *attempting* to make our material more searchable and discoverable.

Continuing projects:

We are working with Allen Press to provide full XML files to Ingenta. This will allow posting of articles rendered as HTML articles on our Ingenta platform, side by side with a PDF for download if desired.

One of the most immediate benefits of this is that HTML rendered articles can be made available on our Ingenta platform within three business days as opposed to 8 to 10 business days for the PDFs to be processed, header data extracted, and PDFs posted online. This means that the full issue will be available online to members and to non-members as PPV (purchase) approximately a week to a week-and-a-half before the hard copy even mails out.

XML files will also provide a foundation upon which we can develop further electronic delivery options such as ePubs and "flippable" content (this is the online format in which pages can be "turned"). This format allows the full issue to be accessed as one electronic file, as opposed to downloading one article at a time. As well as being a closer facsimile of the hard copy of the journal, advertising content is not "lost" to the PDFs, which serves to keep our advertisers happy.

We have been reviewing all of our production procedures with Allen Press, and as a result we have received a new proposal from Allen Press for a revised workflow. Included in these changes are a switch of paper type, from 60# gloss and 50# matte paper to all 50# gloss paper (paper samples are under review) and a switch from the currently used sheet-fed press to a web press system. These changes will reduce production costs by approximately 25%. Combined with other changes to the way in which papers are edited and typeset, we anticipate a savings of approximately \$50,000 to \$60,000 per year. The press has asked us to commit to a three-year contract as part of this proposal; however, the proposed contract amendments also include a labor price freeze through 2013.

The proposed changes will also allow us to print color figures throughout the journal at no increase in cost over printing half-tone or gray-scale figures. A proposal is currently being developed that would allow color figures to be offered at a reduced rate (from the current \$600/page) to all authors and possibly for free to members of the SAS as a member benefit.

I am continuing to work on a way to better integrate electronic Supplemental Material, available currently only on our Ingenta platform to members, into all our delivery methods. Links from OSA Optics Infobase back to Ingenta are one option, as well as hosting Supplemental Material on a different platform.

We will continue to increase the visibility of the journal by sending emails to all authors informing them when their article becomes available on line (member benefit/preprint stage and full posting of issue), as well as putting in place procedures to send a PDF (for personal use only) to authors when it becomes available.

The Author Guidelines are being rewritten to make them more clear and more up to date with current industry standards. We also want to make them available as searchable (and navigable) HTML on the journal's home page as well as providing a link on the manuscript submission system and on the front page of our Ingenta portal.

I am currently researching "perpetual access" or digital archiving of our digital content in order to ensure continued access to our materials into the future. This is primarily in conjunction with a move to allow libraries to subscribe via electronic platform only instead of receiving a paper copy, but it may also be applicable to members who choose to receive online access only.

Things to consider for the near future include the following:

NIH-supported work must be submitted to PubMed Central. We currently allow authors to do this, complying with the law, but we do not deposit papers on authors' behalf. It has been suggested that this is a drawback to NIH-funded authors to publishing in *Applied Spectroscopy*.

The move to include color throughout the journal at little to no cost gives us the opportunity to redesign the look and feel of the journal if desired. This can be anything from small updates, such as branding the title page of every article with our logo, to large updates such as changing fonts and style of layout. The Editorial Board and the Publications Committee are requested to give input on the extent of changes that might be desired (subtle/minor or major) and suggest a procedure for creating suggestions and finalizing a design.

One concern with DOIs is that these are not "resolvable" on CrossRef until they are SUBMITTED to CrossRef. To be submitted to CrossRef they need a specific "home" on the internet (a stable, permanent assigned url). Currently Ingenta submits DOIs on our behalf once the full issue is posted to their website. If we submit DOIs to CrossRef at the FastTrack stage, they would have to be resubmitted at the final posting stage. This costs (I believe) \$1 per article/DOI so there is really no reason NOT to do it other than the amount of time it would take. If we can integrate an automated procedure with Ingenta, it may be

feasible. In the meantime, the DOI is correct and will not change; it is only the question of whether that DOI can be used to track something down on the web. This is somewhat of a moot point right now as FT preprints can only be accessed by members. We'd like to "sell" this as a member benefit for right now. However, as mentioned above, Ingenta plans on rolling out a new version of FT by the end of Q3 2011 allowing for PPV of preprints.

Do we want to make preprints of articles available even earlier than they currently are? Some journals post papers online immediately upon acceptance (in raw manuscript form); others post after copy-editing but before approval and correction by the author. Do we want to start making the earliest raw version available online? We currently have a VERY competitive time to preprints (3 to 7 weeks after acceptance), but we could improve this if desired.

Also, we currently post all preprints from one issue up together as a single batch. This is partly to maintain the sense of "issue" but it is also to allow pagination at the same time revisions are made (provides backup for citations and also eases revision processes with the press). This could potentially be changed fairly easily and might make a difference to some authors and readers.

Newsletter Editor's Report

David Butcher – February 7, 2011

Six issues of the newsletter have been published since our last report, as detailed in the table below. I believe the transition to the second version of the new website is complete.

Mary Anne Ohlhoff provided considerable technical assistance in the use of the new website.

LeNelle McInturff continues to do an excellent job of formatting the newsletter and providing a professional look and feel to the publication.

Ed McMillan sold an advertisement for the Newsletter for the January 2011 issue.

I currently have been assigned one member of the new Newsletter committee, Xujin Lu. Xujin will be providing additional content in the form of news stories of interest for SAS members. Our plan is for the first story to be included in the March 2011 Newsletter.

Issue	Topic
September 2010	Calls for Candidates for the Ellis R. Lippincott and Gordon F. Kirkbright Bursary Awards
October 2010	FACSS and SAS Student Awards
November 2010	FACSS Activities and Reports
December 2010	The SAS Members-Only Event in Raleigh at FACSS 2010
January 2011	Changes Initiated by Editorial Leadership to Enhance Applied Spectroscopy
February 2011	SAS Events at Pittcon 2011

Membership Coordinator's Report

Gloria Story – March 2011

Sunday SAS Day Event 2010 – Rush Hour Karting: After such a successful first Sunday SAS Event at FACSS 2009 (a visit to Churchhill Downs), expectations were high for the 2010 event in Raleigh. The plan for the day included a short bus ride, loads of eating, drinking, and socializing in a venue that provided table and video games and, of course, go-kart racing. The barbeque buffet was great and the drinks plentiful. Most if not all of the members that attended had good comments ... even a few "awesome" votes. Our top racers were Josh D. (31.81 s), John F. (31.85 s), and Dave J. (31.90 s). The final championship race included the following racers in finishing time order: Josh D., Dave J., John F., Steve, Zach, Francis,

Heather, Jeremy, Josie, and John-David. Just wait until next time. To be thorough, the drawbacks were also noted for future event planning. Anyone that participated in the racing could not partake of the adult beverages. Networking was a bit difficult at an event like this but the fun factor was huge. We discovered that some members did not receive the invitation to sign up for the event. Email is our best mode of communication, but it is also the most easily changed. Any time your contact information changes, notify the SAS Office.

FACSS Exhibitor Mixer: A big thank you to our sponsors: Spectroscopy Magazine, Renishaw, Mike and Mary Carrabba, Eigenvector, and Horiba Jobin Yvon for supporting our student membership drive that Mike so expertly led. They certainly kept the booth hopping by sponsoring sixty new student memberships. Most thanks to all our membership drive sponsors.

Membership Meeting at FACSS 2010: The membership committee, Don Clark, Heather Brooke, and Gloria Story, along with most of the Executive Committee, met on the Tuesday afternoon of FACSS.

Our first order of business was to select a venue for the 2011 Sunday SAS Event for the Reno FACSS meeting. The choices presented by Bonnie ranged from a trip around Truckee, Donner Summit, and Tahoe City, a railroad ride through the “Old West,” an afternoon in the National Automobile Museum, a cruise on the Tahoe Queen, a fencing class, or a picnic in Sparks Cottonwood Park. All agreed that we wanted an activity that would take us away from the casino. The committee narrowed down the choices to the fencing class (fun and unique) or the cruise on the Tahoe Queen (relaxing and scenic). Fencing intrigued a lot of those present; they like the idea of something new and different. Others felt that since we just had an event that was geared to the younger set; it might be nice to have a more relaxing event. The drawback to this option is the 1.5 hour bus ride to and from the marina. That being said, the scenery in this part of the country is something a lot of folks will enjoy. It was decided to bring both venue ideas to the governing board meeting for a vote. While there were quite a few votes for the fencing class, the majority of the governing board chose the cruise. The round trip bus ride will include snacks and drinks. During the 2.5 hour cruise aboard the Tahoe Queen, an authentic Mississippi paddle wheeler with 3 decks, there will be a lunch buffet with unlimited beer, wine, and soft drinks. One final note on the SAS Day event; it appears to have very little impact on the vendors’ “What’s Hot” program back at FACSS headquarters.

The remainder of the meeting focused on new content ideas for our website:

- Videos – short interviews by members on the reasons for joining and maintaining membership... the idea here is to be a resource for those that need evidence on the return on investment – a kind of letter to the boss concept.
- Mentorship pool – Heather shared that a section of the website dedicated to finding a mentor in the field would be a great member benefit for students and young professionals.
- Map of members – wouldn’t it be helpful if you could click on your city and find members that are close by for consulting, seminar speakers, or collaboration?
- FACSS presentations – after FACSS, it would be great to have short video abstracts on presentations – especially from award winners.
- Spectroscopy demos – a resource for educators to bring the topic of spectroscopy to the K-12 classroom.
- Items to sell in our webstore – one idea that had a lot of support was to offer our Journal authors nice, framed copies of their articles.
- Keywords for search engines – with some cash investment, search engines like Google would have our site be a top hit when keywords like “spectroscopy” are entered.

Before the meeting closed, John-David McElderry shared his idea on a student ambassador program. SAS would sponsor student leaders from our student chapters to set up a booth at meetings they attend that don't have an official SAS presence. Four times a year, students could apply for funding of up to \$300 to be used for their registration fees and in return SAS would have a presence at the meeting.

LinkedIn Group: Our LinkedIn group continues to grow – currently 329 members are linked – and some very interesting topics show up. Rebecca Airmet has been great about adding announcements about the Journal, especially when new content is available. A new member to the group resurrected an old discussion on creating a new t-shirt design. The suggested ideas drew a lot of comments when first posted, and even more when the topic was resurrected. There was also interest in developing an SAS dress shirt or Oxford shirt. The membership team engaged via email to discuss designing SAS dress shirts to sell at the booth and in the to-be-created webstore.

Report to the SAS Executive Committee

John-David McElderry, Student Representative

March 13, 2011

The students of SAS are enthusiastic to be a part of the society, and here's why:

- The Quiz Night event at FACSS 2010 rocked at Tir-na-Nog with more than 75 in attendance. The trivia theme was fun and kept everyone engaged until the very end. We had some sharp students there.
- High quality presentations at the Sunday evening poster presentation. The winners gave some excellent talks later in the week.
- Student Membership grew 3% from 2009 to 2010.

Follow-up on goals:

- 1) Goal: Increase attendance at Student Events by including fun activities
Action: Piano Bar@ PITTCON Orlando 2010: 75 people
Trivia Night @ FACSS Raleigh 2010: 75 students
Game Night @ PITTCON Atlanta 2011: TBD
Casino Night @ FACSS Reno 2011: TBD
- 2) Goal: Increase new student membership
Action: Student Ambassador Program (pending)
Student members have the opportunity to represent SAS at other conferences and help recruit spectroscopy students to join SAS. The proposal is attached on page 2.
- 3) Goal: Strengthen Student Sections
Action: Provide materials for organizing new student sections and encourage student participation at student events.

A few students were excited about starting a student section at Notre Dame.

Advertising Sales - Report to SAS Executive Committee

Ed MacMillan – January 2011

2010 was a challenging year for Applied Spectroscopy advertising sales mainly due to the recession and the continued move away from print. Despite this overall ad sales were acceptable and a few new advertisers came to the fore. Nevertheless 2011 has started well and there would appear to be some enthusiasm in the market as new and larger companies see the opportunity in this market. So with a view to cautious optimism I would summarize the coming year in the following terms:

- We can expect a slight increase in overall ad revenue (10% or more).
- We can expect new players to come into the market.
- Larger companies are once more coming back (Perkin Elmer for one).

There is no doubt 2010 was a tough year for ad sales and despite this the feeling at FACSS was somewhat optimistic. Having closed 3 issues in 2010 and with the new schedule allowing the March Issue to go to PITTCON instead of the January Issue, this year should be an improvement over last year (see projected numbers below). I am up roughly 10% which represents a quantum leap over previous years and bodes well for the rest of the year assuming all things with this economy are equal.

Below are the projected advertising revenue numbers for 2011 with the actual numbers from 2010.

Net Revenue	2010	2011
Quarter 1	\$50,832.01	\$63,202.87
Quarter 2	\$53,334.78	\$58,250.12
Quarter 3	\$50,959.55	\$53,882.08
Quarter 4	\$49,209.38	\$58,909.82
Total Billed Revenue	\$204,335.72	\$234,244.89
Projected Net Revenue	\$200,000.00	\$220,000.00

The big questions are:

- Are we actually heading out of recession and if so can we expect to see a continued increase in sales through 2012?
- Has the change in the schedule improved the performance?
- Is it possible we could see a downturn later this year?

So with all this in mind my plan is to forge ahead and look forward to making more sales and getting new companies into this market while maintaining the client base. I hope when the website is finished we can look at other opportunities including eBooks and the like. As always I look forward to a lively debate at PITTCON.

Here is a list of new and returning advertisers for 2010 to 2011:

2010 Advertisers	2011 Advertisers (as of the Mar close)
Princeton Instruments	Princeton Instruments (marked decrease in spending)
Bruker	Starna Cells
CDI Pharma	CDI Pharma
Starna Cells	Fibre Photonics
Kaiser	Ocean Optics
McCarthy Scientific	BioTools
Fibre Photonics	McPherson
Ocean Optics	ICL
BioTools	Amptek
McPherson	BaySpec
Hellma	Hellma ICL
Amptek	Horiba
B&W Tek	Infrared Analysis
BaySpec	Perkin Elmer*
Cobalt Light	Pike
Enwave	Remspec
Horiba	Renishaw
Infrared Analysis	Thermo Fisher
WiTech	StellarNet*
Pike	WiTech
Remspec	McCarthy Scientific

Renishaw Andor	FDM*	
Shimadzu	Technology*	
Thermo Fisher	B&W Tek	(* New for 2011)

As you can see we have lost a few advertisers while picking up a few new ones. As regards the rest of 2011 I would expect the year to firm up (unless we see a significant general economic downturn) with a lot of the regular advertisers coming back in late Q1/Q2 and onwards. To reiterate, we see numbers approaching the same levels we saw in 2009 and with a decent start to 2011 we should easily exceed 2010. Our hope is we will be able to bridge this success into 2012 with the new and returning advertisers in tow and continue with this level of revenue.

Awards Committee Report

Spring 2011

The SAS awards committee is pleased to support the nomination of Mike Carrabba for the SAS Distinguished Service Award and Karl Norris for the SAS Honorary Membership Award.

Nominating Committee Report

Spring 2011

The nominating committee has had a great deal of difficulty this year in trying to secure candidates for the offices of President-Elect and Secretary. The committee has succeeded in getting the required two candidates for secretary, but has been unable to secure a second candidate for President-Elect. Numerous individuals have been contacted and most have said either they are not interested at all or that they would like to do it in the future but not this year. The committee is pleased with the candidates that have agreed to run for office and believes any of them would be fine additions to the Executive Committee. The nominees thus far are:

President-Elect	Katherine Bakeev
(Editor's note - Diane Parry agreed to be a candidate for President at the EC meeting on 13 March 2011.)	
Secretary	Michelle Meighan
	Gloria Story

SAS Publications Committee Report

Bruce Chase, Publications Committee Chair – Spring 2011

A specific concern has been raised within the Publications Committee concerning the impact factor for Applied Spectroscopy. The impact factor has been dropping steadily over the past three years, and there is significant concern that it is having an effect on submissions and advertising among other areas. An ad hoc committee chaired by Mike Blades has been looking at this issue for the last year. This committee will be meeting again at Pittcon to continue discussions. As part of this effort, the publications committee is looking at a "Scope and Aims" document developed by the Editorial Board.

Peter Griffiths has indicated that he will be stepping down as Editor-in-Chief in 2012. We have started the process of looking for a new Editor-in-Chief. A call will be going out in Applied Spectroscopy starting in March.

Tour Speakers Committee Report: Society for Applied Spectroscopy Executive Committee

Linda Kidder – Pittcon 2011, Atlanta, GA, March 12, 2011

US – Schedule of Talks/Sections:

New England	Rosemarie Chinni	April 28th
Snake River	Rosemarie Chinni	TBD
Chicago	Louisa Profeta	March 24th
Cleveland	Joseph Chaiken	April
Detroit	Joseph Chaiken	March 31st
New York	Joseph Chaiken	March 9th
Ohio Valley	Frank Bright	April 21st
Niagara Frontier	Gary Small	May
Piedmont	Gary Small	March 21st
St. Louis	Nathan Bower	March 24th
BYU Student Chapter	Elsa Yan	April 1st
Milwaukee Student Section	Timothy Keiderling	March 11th
Northern California	Kirk Rector	May 3rd

Of the 10 speakers who initially agreed to participate in the Tour, nine have been assigned Local Sections at which they will speak. The tenth speaker had to withdraw as a series of personal and professional issues arose, including a several month move out of the country. He was unfortunately the number one selection of three of the Local Sections. Six sections received their first place speaker, three sections their second place speaker, one section their third place speaker, and two sections received speakers lower than their top three choices. One speaker is attending three meetings, one speaker is attending two meetings, and the remaining speakers have one engagement each.

UK/Europe SAS:

The UK SAS section has initiated an inaugural meeting, and Pavel Matousek has reported the following information:

UK SAS section and the associated inaugural meeting hosted by Peter Gardner at Manchester University. The date for the meeting is now set (17th May) and both Richard Dluhy and Max Diem are expected to attend.

I believe that Richard and Max will be participating in the European Tour.

Meggers Award Committee

Rodolfo J. Romañach, Chair – Spring 2011

The Meggers Award Committee selected the article “Combined Apertureless Near-Field Optical Second-Harmonic Generation/Atomic Force Microscopy Imaging and Nanoscale Limit of Detection” as the outstanding paper appearing in Applied Spectroscopy during 2010. The outstanding paper appeared in the first issue of 2010 in the Accelerated Articles section, pages 1-7. The authors were KENT A. MEYER, KIN C. NG, ZHANJUN GU, ZHENGWEI PAN, WILLIAM B. WHITTEN, and ROBERT W. SHAW.

Lester Strock Award Committee Report

Heinz W. Siesler, Chair – Fall 2010

Based on his research contributions in the field of laser-induced breakdown spectroscopy (LIBS) for nanoparticle analysis, I propose

Professor Dr. David W. Hahn, Department of Mechanical & Aerospace Engineering
University of Florida, Gainesville, FL 32611-6300, USA

for the Lester Strock Award 2011.

Fellows Committee Report

Michael D. Morris, Fellows Committee Chair – Spring 2011

The committee has reviewed a roster of 20 candidates for SAS fellow status and recommends the following twelve people.

Lewis, E. Neil	Pelletier, Michael	Lewis, Ian
Treado, Patrick	Pezolet, Michel	Adar, Fran
Reffner, John	Pivonka, Don	Haaland, David
Noda, Isao	Siesler, Heinz	Lendl, Bernhard (University of Vienna)

2011 Lippincott Award Committee Report

The 2011 **Ellis R. Lippincott Award** will be presented to Isao Noda of Procter & Gamble Co. for developing two-dimensional infrared correlation spectroscopy, a method that has been expanded to other probing methods and utilized for studying the structure spectrum correlation for a wide range of materials.

Report to SAS on FACSS committee meetings attended during the Raleigh FACSS meeting, October 17-21, 2010

Produced by Curt Marcott and Fred LaPlant – Spring 2011

We attended the FACSS Long-Range Planning, Raleigh FACSS Program Committee, and FACSS Governing Board meetings.

Long-Range Planning Committee:

Jim Rydzak organized two Long-Range Planning Committee meetings during the Raleigh FACSS meeting. A preconference meeting was held on Sunday and a meeting with attendees to get feedback was held on Wednesday. A report on the preconference meeting is provided, below.

- Mark Hayes, Marketing Chair, has been working with Ignite Design to lead the long-term marketing and rebranding of FACSS. Many of us talked to the people from Ignite Design at FACSS 2010 in Raleigh as they worked to get to know the FACSS Conference and Member Societies.
- Site Selection was discussed and was seen as proceeding well. Milwaukee was recommended as the site for the 2013 meeting (following Reno in 2011 and Kansas City in 2012).
- The proposal to collocate the Gulf Coast Conference and FACSS was withdrawn, because the Gulf Coast Conference was unwilling to meet outside of Galveston.
- The Equity Document was reviewed. The Mission, Objectives and Measures were discussed. Some Measures have run dormant. Diane Parry volunteered to follow up on this. The document is still relevant, and could be expanded to define FACSS as an organization that sponsors other meetings, including international meetings.
- Scott McGeorge agreed to look into using Google hits as a means to promote FACSS, and
- Michelle Megan was appointed e-Social Networking Chair (Twitter, Facebook, etc.).
- A variety of topics were discussed to help grow the conference. Among these were offering continuing education credits to attend, helping to promote the generation of national societies for underserved techniques and subsequently become a part of FACSS, and the growth of the conference into other countries.
- There was also discussion how to update the conference, including web-casting, electronic distribution of the conference schedule, and broad wireless access.

Raleigh Program Committee Meeting:

Program Chair Andy Sommer reported the Raleigh FACSS meeting had 83 contributed sessions, which was up from 75 the previous year. Attendance at five of the symposia was in the low teens, but generally

positive feedback was received. The major complaint was that there were too many overlapping symposia. This is partially due to the late addition of two half-day sessions in honor of Bill Fateley.

FACSS Governing Board Meeting:

A motion to hold the 2013 FACSS meeting in Milwaukee passed 13-0. Louisville and Raleigh will be backups and used to help with negotiations. The 2014 FACSS meeting will be back in Reno (unless there are issues that come up in the 2011 meeting that cause a change of heart).

Mark Hayes was officially appointed the Marketing chair.

2011 Reno – Greg Klunder and Pavel Matousek:

- There was a site visit in August. The rates remain the same and there will be no resort fee. Wireless will be included. Pool will be closed. There will be a desk to schedule activities.
- Pavel Matousek reported that the Reno program for 2011 is mostly in place. 90% of Session Chairs are decided. There will be 72 sessions with 9 in parallel. Professor Mike Dunne will give the Plenary Lecture. The configuration of the meeting rooms will be changed to provide for better access.
- A new program, the FACSS Innovation Awards, will be instituted. At the time of abstract submission, authors can check a box to enter and define the novelty in a text box. Awards will be offered in three different areas. Six talks will be shortlisted for presentation in each of three sessions. The winner will receive \$1500, a plaque, and publicity. The plan is to present three awards.

Surplus Funds -

Little of the allocated funds from the Memphis meeting surplus were used in 2010. FACSS encourages Member Societies to take advantage of these resources. No decision to distribute the \$53,343 surplus from the 2008 Reno meeting has been made, pending report of the final numbers from the 2009 Louisville meeting (which suffered a small loss) at Pittcon. SAS has 12K allotted which has not been used.

Gary Brewer reported on revisions to the Operations Manual. The auditor picked up changes that needed to be made. A Standard Policies section was added. Form P (AUTHORIZATION FOR SOCIETY ASSIGNMENT OF SURPLUS FUNDS) and Form Q (SOCIETY CONTRIBUTIONS TO FACSS) were added. Spelling and typos were corrected. A committee attendee chart was added.

The next FACSS GB meeting will take place on Tuesday, March 15, at noon in Room B212 at the Convention Center during the Pittcon 2011 meeting in Atlanta (March 13-17, 2011).

Chemical Heritage Foundation Delegate Report

David Trimble – Spring 2011

Chemical Heritage Foundation Mission and Program Areas

The Chemical Heritage Foundation (CHF) fosters an understanding of chemistry's impact on society. An independent nonprofit organization, we strive to

- Inspire a passion for chemistry;
- Highlight chemistry's role in meeting current social challenges; and
- Preserve the story of chemistry and its technologies and industries across centuries.

Four program areas support CHF's mission:

- **The Donald F. and Mildred Topp Othmer Library of Chemical History** houses major [collections](#) of rare and modern books, papers of prominent scientists and organizations, historical photographs, fine art, and scientific instruments that form a valuable resource for studies in the history of chemistry and related sciences. The [library](#) features primary sources from the 15th through the 21st centuries.

- **The Roy Eddleman Institute for Interpretation and Education**, the outreach arm of CHF, brings chemistry to a broad audience through [public programs](#), print and Web-based [publications](#), and educational materials. The institute also operates [the Museum at CHF](#), which explores subjects ranging from alchemy to nanotechnology.
- **The Center for Contemporary History and Policy** offers historically grounded perspectives on issues related to the molecular sciences and technologies. The [center's programmatic initiatives](#) draw on diverse historical and contemporary source materials to provide knowledge, perspective, and advice to stakeholders from industry, academia, government, and citizen groups.
- **The Arnold and Mabel Beckman Center for the History of Chemistry** hosts a community of [visiting fellows](#). These fellows conduct historical research, interact with staff, publish academic and popular works, and establish CHF as a [leading research center](#) in the history of chemistry and related sciences, technologies, and industries.

Chemical Heritage Foundation Affiliates

More than 30 affiliated organizations endorse and support CHF. CHF's affiliates preserve the history of chemistry and related sciences and industries by offering access to—and expert knowledge of—their archives, artifacts, and historical records.

CHF offers its affiliates assistance in making the best use of historical resources. Affiliates nominate a voting member to CHF's Heritage Council. They may also work with CHF to

1. Cosponsor oral histories of outstanding individuals of their choice and help define CHF's wider Oral History Program.
2. Link CHF's Website to their Websites.
3. Draw on and help build the resources of CHF's Othmer Library of Chemical History.
4. Sponsor joint awards and other forms of recognition.
5. Produce joint programming (e.g., symposia, conferences, member-specific activities).
6. Support joint research on the heritage of chemistry and related sciences, technologies, and industries, and on contemporary issues, in areas of mutual interest.

Chemical Heritage Foundation Founding Members

[American Chemical Society \(ACS\)](#)

ACS is the world's largest scientific organization. It was established in 1876 and chartered by the U.S. Congress in 1937 to encourage in the broadest and most liberal manner the advancement of chemistry in all its branches.

[American Institute of Chemical Engineers \(AIChE\)](#)

AIChE is a professional, technical, and educational association dedicated to promoting excellence in the development and practice of chemical engineering in an ever-expanding array of disciplines.

Chemical Heritage Foundation Affiliate Members

[Alpha Chi Sigma Fraternity](#)

Alpha Chi Sigma is a professional chemistry fraternity dedicated to the advancement of chemistry both as a science and as a profession.

[American Association for Clinical Chemistry \(AACC\)](#)

AACC is an international scientific/medical society of clinical laboratory professionals, physicians, research scientists, and other individuals involved with clinical chemistry and other clinical laboratory science-related disciplines.

[American Association of Textile Chemists and Colorists \(AATCC\)](#)

AATCC is the world's largest textile chemistry membership society. It is dedicated to promoting increased knowledge of the application of dyes and chemicals in the textile industry.

American Chemistry Council

The American Chemistry Council is the principal chemical trade association in the United States. It is committed to making innovative products and services that make people's lives better, healthier, and safer, and to improved environmental, health, and safety performance through its Responsible Care program.

American Institute of Chemists (AIC)

AIC is a professional organization dedicated to fostering the advancement of the chemical profession in the United States.

American Oil Chemists' Society (AOCS)

AOCS is a society of professionals, students, and corporations involved in the science and technology of fats, oils, and related materials.

American Society for Biochemistry and Molecular Biology (ASBMB)

ASBMB is a scientific and educational organization dedicated to advancing the science of biochemistry and molecular biology.

American Society for Mass Spectrometry (ASMS)

ASMS is a scientific society for the promotion and dissemination of knowledge of mass spectrometry and allied topics.

American Organization of Analytical Chemists (AOAC) International

AOAC International is an independent association of scientists in industry, academic, and government laboratories worldwide dedicated to analytical excellence and operating primarily in the area of food analysis and food safety.

Biotechnology Industry Organization (BIO)

BIO represents more than 1,100 biotechnology companies, academic institutions, state biotechnology centers, and related organizations across the United States and in 31 other nations. BIO members are involved in the research and development of health-care, agricultural, industrial, and environmental biotechnology products.

Chemical Development and Marketing Association (CDMA)

CDMA is the leading professional organization dedicated to fostering, promoting, and sharing business practices for long-term growth and value creation in the chemical and allied industries.

Chemical Educational Foundation

The Chemical Educational Foundation is committed to enhancing science education among every generation, beginning with our youth, by emphasizing the central role of chemistry in all the sciences and in our everyday lives. By nurturing the general public's interest in the sciences, CEF is driven to inspire future leaders in science-related careers and improve the overall understanding of, participation in, and appreciation of chemistry and chemicals.

The Chemists' Club

The Chemists' Club is one of the oldest and most respected chemical organizations in the country. It is an association of individuals engaged in management, marketing, processing, and research and development.

Color Pigments Manufacturers Association (CPMA)

CPMA is an industry trade association representing color pigment manufacturers across North America.

Council for Chemical Research (CCR)

CCR is a nonprofit organization dedicated to the advancement of research in chemistry-based sciences, engineering, and technology through productive interactions among industrial, academic, and government research sectors.

The Electrochemical Society (ECS)

ECS is an international educational organization concerned with a broad range of phenomena relating to electrochemical and solid-state science and technology.

La Fondation de la Maison de la Chimie (FMC)

FMC was founded in 1928, in Paris, with the goal of building and maintaining a central meeting and working space to promote the popularization of science and was organized for the service of chemists worldwide. To fulfill this mission, FMC provides a number of services and activities to facilitate cooperation between all those working to promote chemistry as one of the basic disciplines of science and technology.

American Chemical Society Division of the History of Chemistry (HIST)

HIST seeks to advance knowledge and appreciation of the history of the chemical sciences. HIST is a resource for scientists who seek to understand the roots of their discipline. HIST recognizes major achievements, and those who made them, in the chemical sciences and publishes a journal in the history of chemistry.

International Society for Pharmaceutical Engineering (ISPE)

ISPE is a global, not-for-profit membership organization that provides education, training, and technical publications to life-science professionals. It is committed to the advancement of the educational and technical efficiency of its members through forums for the exchange of ideas and practical experience.

International Union of Pure and Applied Chemistry (IUPAC)

IUPAC is a global, non-government body that advances the worldwide aspects of the chemical sciences and contributes to the application of chemistry in the service of humanity.

Japan Analytical Instruments Manufacturers Association (JAIMA)

JAIMA is a nationwide association of Japanese analytical-instrument manufacturers and sellers. The organization was established in 1960 with the purpose of contributing to the advancement of science and technology by improving technologies related to analytical instruments and promoting the progress of the analytical-instruments industry, thereby contributing to the Japanese economy and the livelihood of its citizens.

National Petrochemical Refiners Association (NPRA)

NPRA was established in 1961 as a result of the merger of the National Petroleum Association and the Western Petroleum Refiners Association. It is the oldest continuing oil-industry association in the United States, dating back to 1902, with the founding of the National Petroleum Association. NPRA represents virtually all refining and petrochemical producers in the United States and has a significant number of non-U.S. companies as members.

National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE)

NOBCChE is an organization of professionals, academics, students, and other interested individuals with a mission to build an eminent community of scientists and engineers by increasing the number of minorities in these fields.

The North American Catalysis Society (NACS)

NACS is a professional society that promotes and encourages the growth and development of the science of catalysis and those scientific disciplines ancillary thereto.

Pharmaceutical Research and Manufacturers of America (PhRMA)

PhRMA is a body representing the United States' leading research-based pharmaceutical and biotechnology companies devoted to inventing medicines that allow patients to live longer, healthier, happier, and more productive lives.

Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy (Pittcon)

Pittcon is the world's largest annual meeting and exposition dedicated to the fields of analytical chemistry, applied spectroscopy, and measurement technologies. It was founded by the Society for Analytical Chemists of Pittsburgh and the Spectroscopy Society of Pittsburgh.

Plastics Pioneers Association

The Plastics Pioneers Association is a society for industry leaders with long records of service who work to recognize achievement in the field of plastics and polymer science, engineering, technology, and management. It supports industry-wide educational programs and promotes the study and improvement of plastics science, engineering, and technology.

Royal Society of Chemistry

The Royal Society of Chemistry (RSC), with a global membership of over 44,000, is the largest organization in Europe for advancing the chemical sciences. The RSC, headquartered at Burlington House, Piccadilly, London, is the successor to, and fulfills the roles previously undertaken by, four well-known and long-established organizations: the Chemical Society (founded in 1841), the Society for Analytical Chemistry (founded in 1874), the Royal Institute of Chemistry (founded in 1877), and the Faraday Society (founded in 1903).

Société de Chimie Industrielle

The Société de Chimie Industrielle was founded in 1918 as the American Section of a Paris-based international organization. Today it operates as an independent New York-based society with a mission to work with other chemical industry organizations and promote understanding of the chemical and allied industries. Activities include a monthly CEO forum, a scholarship program, and the International Palladium Medal awarded to an individual who has made outstanding contributions to the industry.

Society for Applied Spectroscopy

The Society for Applied Spectroscopy is a society of scientific professionals organized to advance and disseminate knowledge and information concerning spectroscopy and allied sciences.

Society of Chemical Industry (SCI), America Section

The America section of the international organization founded in London advances applied chemistry in all its branches.

Society of Cosmetic Chemists (SCC)

SCC is a society of individuals engaged in scientific or technical work in the cosmetics and toiletries industry, or in related governmental or academic areas. Its mission is to further the interests and recognition of cosmetic scientists while maintaining the confidence of the public in the cosmetic and toiletries industry.

Society of Chemical Manufacturers and Affiliates (SOCMA)

SOCMA is the leading international trade association serving the small and mid-sized batch chemical manufacturers. Established in 1921, SOCMA supports the industry with programs that maximize commercial and networking opportunities, increase public confidence, and influence the passage of rational laws and regulations.

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