

DRAFT MINUTES

OF THE IEEE EMC SOCIETY BOARD OF DIRECTORS MEETING

**FireSky Hotel
Scottsdale, Arizona
March 17-18, 2012**

MEMBERS PRESENT (23)

B. Archambeault
C. Bunting
L. Cohen
R. Davis
A. Duffy
F. Heather
D. Heirman
D. Hoolihan
T. Hubing
R. Koga
J. LaSalle
F. Maradei
A. Marvin
M. Montrose
M. Oliver
J. O'Neil
G. Pettit
A. Pinchuk
K. Phipps
V. Roje
F. Sabath
R. Scully
D. Staggs
D. Sweeney
P. Wilson
T. Yoshino

ABSENT (0)

GUESTS (3)

P. Clout (March 17 only)
J. Meredith (March 17 only)
J. Norgard

1.0 THE PRESIDENT'S OPENING REMARKS

President Pettit called the meeting to order at 9:00 am. A round of introductions was made. He reviewed Board meeting protocol, the IEEE code of ethics, and upcoming activities (see President's Introductory Remarks). He reminded Board members of the material on the Board FTP site and asked that everyone remember to review this prior to the Board meetings (<ftp://ewh.ieee.org>). Mr. Pettit welcomed the new Board members present and thanked them for their interest in the Board activities. He acknowledged and thanked Peter Clout, IEEE Division IV Director, for attending the meeting.

2.0 CONSENT AGENDA MOTIONS

The agenda was presented for review. (See Final Agenda.) The consent agenda motions (see Consent Agenda) included the following items:

- Approve March 2012 Meeting Agenda –amended from that presented to move the report by Peter Clout from New Business to following the President's Report - **Pettit**
- Approve Secretary's Report – November 2011 Meeting Minutes - **O'Neil**
- Approve the non-IEEE member subscription fee price list in accordance with the recommended price as determined by IEEE for 2013 – **FinCom, Maradei** (Motion)
- Approve 2013 Transactions on EMC page count not to exceed 1,500 pages – **FinCom, Maradei** (Motion)
- Approve the optional member Transactions on EMC (print copy) fee of \$20 in accordance with recommended prices as determined by IEEE for 2013 (no change from 2012) – **FinCom, Maradei**
- Approve the 2013 membership fee of \$30 (no change from previous year) – **FinCom, Maradei** (Motion)
- Motion to approve Committee and Other budgeted expenses not to exceed \$290,000 (in accordance with EMC-27 1900 account line items), and to allow the EMCS FinCom to make appropriate adjustments in order to assure a balanced budget. – **FinCom, Maradei** (Motion)
- Approve Nominees for the EMC-S Certificate of Recognition – **Archambeault**
- Approve nominees for the EMC-S Certificate of Appreciation - **Archambeault**

It was moved and seconded to approve the consent agenda as amended.

3.0 PRESIDENT'S REPORT

Mr. Pettit reviewed the activity of the Excom meeting held the previous evening. The meeting addressed administrative points including the agenda review, motions to be presented, etc. All items discussed are included on the meeting agenda.

Regarding Global Outreach In 2012, Mr. Pettit talked about Board members attending an April Sao Paulo EMC Chapter two-day seminar in Sao Paulo, Brazil; the May APEMC 2012 conference in Singapore; and tentative plans for Board support of the December INCEMIC conference in Bangalore, India.

Regarding the status of electronic motions made since the last Board meeting in November, Mr. Pettit confirmed there were none presented.

4.0 IEEE PRESENTATION

Peter Clout, IEEE Division IV Director, gave a presentation on "Open Access" for IEEE journals. This is an open publication with a lighter review process and a pay to publish model. Planning is still underway, with the editorial review board in process of being selected. He also showed the slides of William Moses on IEEE technically co-sponsored and financially co-sponsored conferences. (See Peter Clout TCS Retreat 3-2012.) In

short, the growth of technically co-sponsored conferences is growing at a much faster rate than financially co-sponsored conferences. In fact, the quantity of financially co-sponsored conferences is expected to diminish slightly in the future, while the quantity of technically co-sponsored conferences is expected to increase considerably. This means more technical content for Xplore, but less revenue from conferences. Mr. Clout noted that IEEE is looking at the bigger picture of technically co-sponsored conferences. As an organization, we need to have clear and substantial involvement in our technically co-sponsored conferences to keep the quality of the technical papers high and not overlook the costs involved to manage this intellectual property.

5.0 TREASURER'S REPORT

John LaSalle presented a report on EMC Society finances. (See 1st Qtr Treasurer's Report.) He attended the 2012 Finance Workshop held by IEEE. The latest 2011 financial preliminary results are mixed with operations at IEEE and TAB being better than budgeted, but with investment returns being less than budgeted. IEEE has increased product/internal investment levels and is discussing potential changes in the IEEE financial model. Mr. LaSalle reminded the Board that IEEE requires contracts over \$5K need to be filed with IEEE. Contracts over \$25K need to be executed by IEEE. Additional information on the Finance workshop is noted in his report.

The 2011 EMC-S budget is a net positive \$3,700. The December 2011 statement still shows a \$209,000 surplus for EMC 2011, however, a surplus of \$249,000 was submitted to IEEE. This will be incorporated in the FM13 actuals. At the end of February 2012, the Society is operating at a net-positive budget of \$430,700; this is largely due to meetings and conferences having higher actual surpluses than budgeted. The Society is currently tracking towards an overall net positive budget of \$16,600. The Treasurer's Report includes further information on 2011 committee expenditures, travel expenses, a review of conference surplus by year from 2005 – 2010 as well as the financial status of future conferences, and a timeline for 2013 Society budget development.

Under the Treasurer Motions, Mr. LaSalle discussed noted the six motions included in his report. (See 1st Qtr Treasurer's Report.) The first five motions were presented and approved as part of the consent agenda. The final motion concerned the use of symposium surplus fees. **Mr. LaSalle moved to approve an increase from a \$10,000 maximum (previously approved) to a \$20,000 maximum conference committees incentive given the following criteria is met; 1) \$10,000 may be requested prior to the conference and 2) the remaining incentive may be granted after the conference when the surplus is reported to IEEE in the post-conference report, such that the total value of the incentive can be determined. The total incentive shall not exceed the \$20,000 cap. This motion was seconded and approved.**

6.0 MEMBER SERVICES REPORT

Bob Davis, Vice-President for Member Services, presented his report. (See VP Member Services Overview Report.) He began his report with a discussion on membership representation in India. **Mr. Davis moved to establish two Membership Co-Coordinators in India with Dr. Subbarao and Parvez Javeed. The motion was seconded and approved.** He presented a budget report current as of December 31, 2011, noting IEEE had not provided an update in time for presentation at the Board meeting. Through December 31, 2011, the budget shows a surplus of some \$18,000.

MEMBERSHIP

Bob Davis advised that total IEEE membership is up 2.1% since this time last year. Total Society Membership is up 0.5% since this time last year. EMC Society Membership is down 0.1% (5) to 3971 (with Affiliates) since this time last year. EMC Society Student Membership is up 19.7% (12) to 73 since this time last year. Fifteen members have been elevated to Senior grade since November 2011. He continues to work on developing a strategy for promoting/marketing EMC Membership (including e-Memberships). The EMC-S membership booth has been at several Regional and Technical Co-Sponsored Symposia including December in Calcutta, India and March 5 in Williamsburg, VA and will be at the Milwaukee EMC chapter tabletop show on March 27 in

Milwaukee. He is considering purchasing additional displays for Regions 8-10 to reduce shipping costs for the booth. The goal is to have the EMC-S membership booth at all EMC-S regional and technically co-sponsored events. Mr. Davis requested a volunteer to staff the EMC-S membership booth at the Pittsburgh symposium. Anyone interested should contact Mr. Davis immediately.

AWARDS

The awards committee consists of Bruce Archambeault, Colin Brench and Mike Oliver, Co-Chairmen, with Christian Schuster, Tzong-Lin Wu, and Jun Fan. Several award motions were presented as follows and included in the VP Member Services report of Mr. Davis.

Bruce Archambeault moved to approve Ray Adams for the Symposium Chair Award. The motion was seconded and approved.

Bruce Archambeault moved to approve the Hall of Fame Awards for Robert D. Goldblum and Hugh Denny. The motion was seconded and approved.

It was moved and seconded to covert the Honored Member Award nomination for Frank Sabath to Sustained Service Award. The motion failed. There were two abstentions.

It was moved and seconded to present the Honored Member Award to Frank Sabath. The motion was approved. There was one abstention.

It was moved and seconded to present the President's Memorial Award to student Francesco Ferranti. The motion was approved. There was one abstention.

Dan Hoolihan moved that the President's Memorial Award be made in honor of Norm Violette. The motion was seconded and approved.

It was moved and seconded to present the Laurence G. Cumming Award to Bruce Archambeault. The motion was approved. There were two abstentions. Perry Wilson and Bruce Archambeault were not in the meeting room and privy to this discussion.

On Richard R. Stoddart Award, it was moved, seconded and approved to present this to Flavio Canavero as the award recipient.

On the certificate acknowledgement, it was moved, seconded and approved to award this to Lars Ole Fichte.

On the certificate acknowledgement, it was moved, seconded and approved to award this to Renaud Gillon.

On the certificate acknowledgement, it was moved, seconded and approved to award this Andy Marvin.

On the certificate acknowledgement, it was moved, seconded and approved to award this Franz Schlagenhauser.

On the certificate acknowledgement, it was moved, seconded and approved to award this to Jinliang He.

Regarding the Technical Achievement award, it was moved and seconded to present this to Andy Marvin. The motion failed. There were seven abstentions.

It was moved, seconded and approved to present the Technical Achievement award to Omar Ramahi. There were nine abstentions.

On the Sustained Service Award, it was moved, seconded and approved to present this to Ken Wyatt.

On the Sustained Service Award, it was moved, seconded and approved to present this to Graham Kilshaw.

Other award winners will be determined in the near future, including the Chapter-of-the-Year, Most Improved Chapter and Chapter Founder Awards; the Best Student Paper and Design Awards; and the Best Symposium Paper and Best Transactions Paper Awards.

DISTINGUISHED LECTURER (DL) PROGRAM

Bruce Archambeault reported on the DL program. The DLs for 2011-2012 include Jerry Meyerhoff, Professor Wen-Yan Yin, and Chuck Bunting. The DLs for 2012 – 2013 include Christian Schuster, Sam Connor, Jong-Gwan Yoo, and Madhavan Swaminathan.

The report includes financial data on the program as well as the number of presentations/trips/expense per meeting attendee per DL. A list of the current topics presented as part of the video DL library is included in his report.

RESPECTED SPEAKERS BUREAU (RSB)

Bruce Archambeault's report includes the list of current speakers in this program.

REGION 8 MEMBERSHIP REPORT

Frank Sabath provided a detailed report for Region 8. As of March 12 there are 1,251 active members in Region 8. The number of members that have not renewed their IEEE membership (in arrears) is 102. The number of inactive members is 152. Five members have resigned. The distribution of active members is shown in his report. This shows the greatest percentage hold the Member level grade (843) followed by Senior Member (177). Related to the change in membership categories, the biggest increase is in graduate student members.

REGION 9 MEMBERSHIP REPORT

Gustavo Fano reported that there are 88 members currently active in 21 sections in Region 9. There are three Chapters or Joint Chapters in Region 9 with a total of 43 members. A LinkedIn group of *Grupo de Compatibilidad Electromagnética de America del Sur* http://www.linkedin.com/groups/Grupo-Compatibilidad-Electromagnetica-America-Sur-4058123?goback=.anp_4058123_1319669622438_1 "EMC of South America" has been opened by W. G. Fano. This LinkedIn group is devoted to the regional activities of EMC topics, such as jobs, meetings, Ph.Ds, news, etc. and is open for the discussion. The Cordoba Subsection with the Argentina Section is organizing the ARGENCON 2012 in the city of Cordoba, Argentina in June. The topics of "EMC and Antennas" will be the program for the meeting, with about five presentations. There will be an Antennas and Propagation Society DL speaker, Tapan Sarkar. The President of APS for 2011, Magdalena Salazar Palma, will give a presentation at the meeting. It is possible a joint EMC and AP chapter may be formed in Cordoba, Argentina this year. An EMC DL speaker could help further this effort.

It has been confirmed there are EMC-S members there are 16 EMC members in the Mexico Section, thus the EMC Chapter in Mexico Section could now be formed. Contacts to further this effort are included in the VP Member Services report. In other Region 9 news, Professor Juan Carlos Fernandez of the Faculty of Engineering University of Buenos Aires will apply for the EMC Society University Grant to start an EMC Course.

REGION 10 MEMBERSHIP REPORT

Bob Davis reported on Region 10 activity. He noted Dr. Subbarao (India Membership Coordinator) and Janet O'Neil attended the IEEE Applied Electromagnetics conference in Calcutta, India in December 2011. The IEEE EMC Society setup a membership booth at the conference. The IEEE EMC Society has signed a Sister Society MOU with the Society of EMC Engineers in India in December 2011. The IEEE Bangalore-Chennai Chapter petition has been forwarded to IEEE headquarters for final approval. Professor Koga visited Harbin and Beijing China in November 2011 and met with professors and students at several universities there. He encouraged students studying EMC to join the EMC Society and professors to organize future EMC symposia in Eastern Asia. The Beijing International Exhibition EMC 2012 is one of the most important EMC events in China. It will be held from 17 – 19 April 2012. The 6th CEEEM/Shanghai Symposium 2012 will be held in Shanghai, China on November 9 – 10, 2012. Finally, the next Japanese EMC Int. Symposium "EMC"14/Tokyo" will be held in western Tokyo on May 20 – 23, 2014. The EMC Society should have a membership booth at these shows.

CHAPTERS

Sergio Pignari, Chapter Coordinator, reported that there are currently 76 chapters globally. Chapter under construction include the Bangalore-Chennai Joint Sections EMC Society Chapter, in India and the Chengdu Section AES/EMC Joint Societies Chapter, in China. IEEE MGA has recently notified Mr. Pignari that no EMC-S Chapters are currently at risk of dissolution. ATG Productions LLC (www.atgproductions.com) has completed the Chapter website template. It will be sent now to the Chapter Chairs.

COMPLETED CAREERS

Don Heirman noted we are beginning to see more passings by members which translates into a significant amount of effort in getting the obituaries written. He has thus focused solely on getting the obituary constructed and getting feedback from those that knew well the deceased. He then has not had the time to issue condolence letters from the President nor send copies of the Newsletter with the Obituaries to the "next of kin". Bob Davis will assist him in this effort, perhaps by hiring IEEE administrative assistance.

NOMINATIONS

Francesca discussed the nominations committee activity. (See N&A Com Activities Report.) She showed the members of the N&A committee, including: Two members of the BoD - Francesca Maradei (Chair, Immediate Past President) and Todd Hubing (Past President) – as well as Non-BoD members: Lee Hill, (USA) R1-6, Mohamed Ramdani, (France) R8, Benjamin Galvao, (Brasil) R9 and Jinliang He, (China) R10. **Ms. Maradei moved to approve the slate of the N&A committee. The motion was seconded and approved.** The call for nominations has been published in the EMC Magazine and on the EMC-S website. It will be blasted to the membership via e-mail a few times before the nomination form due date of May 30.

GOLD PROGRAM

Caroline Chan reported that she is working on uploading GOLD EMC information on the EMC-S website. She has written a GOLD EMC article to be published in the Newsletter as well as one for the IEEE GOLD RUSH magazine. She is working on creating a GOLD EMC Best Paper Award for the 2013 Symposium. In the future, she hopes to gain access to the SAMIEEE database in order to get GOLD member information. She would like to recruit volunteers to draft a plan to identify individuals that would be interested in helping the GOLD EMC committee. This year's GOLD activity at EMC 2012 will be a Thursday night bowling event from 6:30 pm-8:30 pm for GOLD EMC eligible participants.

SISTER SOCIETIES

Chuck Bunting reported that he has followed up with his contacts for three target Sister Societies in India and China. In Bangalore, India, Dr. Pande signed the sister society agreement on December 13, 2011 over a ceremonial dinner organized by the Society of EMC Engineers (India) – SEMCEI. Bruce Archambeault is exploring sister society contacts within Australia with an MOU has been sent for their consideration. He spoke at an EMC Society of Australia technical meeting in February and this MOU was discussed. Mr. Bunting will pursue executing the MOU with the Australia sister society and clarify procedures with IEEE headquarters. He will develop a strategy for identifying key groups in Japan and Singapore that could further the development of sister society agreements.

SECTIONS COORDINATOR

Henry Benitez reported as the Sections Coordinator. He has had discussions with the Region 9 MGA Director regarding EMC-S Chapter formation in Mexico. He is also communicating with Region 9 Coordinator (Gustavo Fano) on coordinating efforts to form a new chapter or joint chapter in Mexico. He continues to provide section liaison support for all regions as needed or requested.

PHOTOGRAPHY

EMC Society Photographer Ken Wyatt reported that he is working on an “On-Line Photo Album” and is having difficulty identifying a suitable platform for an on-line symposium photo album. He will continue to look for a suitable platform that has no monthly charges, can handle multiple folders, etc.

STUDENT LIAISON

Sandra Hernandez reported she is working on Student Liaison article for the EMC Magazine. She is compiling information for a packet on how to form an EMC Student branch and will create a Facebook group for EMC Student Members with information on branch information, current EMC Society events/activities, and branch activity highlights. Ms. Hernandez is working closely with Caroline Chan to further develop a plan to expose GOLD Members to the EMC Society through events and/or advertising.

SURVEY

Fred Heather presented the results of the EMC Society membership survey from EMC 2011. (See Attendee Survey 2011 ISEMC.) For 2011, 50 questions were asked; 150 responses were received. The goal of the survey is to define a profile of symposium attendees, what their rating of the EMCS and symposium is and what service do they use or want to see at the symposium. He also reported on the exhibitor survey. (See Exhibitor Survey for BOD Meeting in 17 March 2012.) In summary, the Society has loyal exhibitors who rate the symposium 3 out of 5 points. They would like to see more attendees, reduced costs, and food during the break. They rate the Patron Program a two of five possible points.

CONSTITUTION AND BYLAWS

Immediate Past President Francesca Maradei presented her report. (See C&BL Amendments and Immediate Past President Report.) Ms. Maradei presented a “Review of Implementation - State of Approved Motions in Governance Documents”. **She moved to approve corrections to the list of Standing Committees and their Subcommittees in the EMC-S Bylaws to be consistent with the current structure of the EMC Society BoD. The motion was seconded and approved. She then moved to approve corrections to the list of Standing Committees and their Subcommittees to be consistent with the current structure of the EMC Society BoD in**

the IEEE EMC Society (EMC-27) Handbook Operations, Policy and Procedure Manual. The motion was seconded and approved.

During last year elections, Ms. Maradei noted some inconsistencies emerged in the EMC-S Bylaws concerning the nomination procedure and approval of the slate of candidates running in annual BoD elections. After discussions with Jayne Cerone (Staff Director, Governance, Communications & Volunteer Relations, IEEE Technical Activities), it was recommended the Society review *Section 4 - Nomination, Election & Appointment of Board of Directors* of the Bylaws. This will address the inconsistency of how the N&A committee can approve nominations coming from an individual voting member while those done by the N&A committee require a BoD approval. **Ms. Maradei moved to Amend Section 4 of the Bylaws as detailed in her report. In summary, this addresses:**

- **Section 4.2 Nomination by Petition - The confusing text is erased and a part of it is moved into section 4.3**
- **Sections 4.3 Nominations by the Nominations Committee - The text is improved by also moving here some text erased in section 4.2.**
- **All Sections (minor change):**
- **Since the bylaws were inconsistent regarding the name of the committee, all references to the “Nominating Committee” or “Nomination Committee” have been changed to “Nominations Committee”, which is what it is called in our Directory**
- **Introduce a title in each sub section for consistency with other Sections of the Bylaws**

The motion was seconded and approved.

7.0 IEEE FOUNDATION

John Meredith, Director, IEEE Foundation, presented a report. (See IEEE Foundation Overview.) He noted the Foundation was established by the IEEE in 1973 as a US public charity. Its Board includes 12 Transnational Directors that support philanthropic services in support of IEEE.

The Foundation issues grants to provide seed money to IEEE units and other charitable organizations for innovative projects in electrotechnology and related fields that will make a lasting impression on communities worldwide. The Foundation also provides funding for education, historical preservation and peer recognition. Donors can also designate specific expenditures for their funds. For EMC Society donors, this includes the Don Heirman EMCS Standards Travel Grant Fund and the President’s Memorial Fund. Mr. Meredith explained ways to donate to the Foundation and recognition donors may receive.

8.0 AWARD PRESENTATION

Bruce Archambeault recognized Don Heirman for his donation to the IEEE Foundation. Mr. Heirman received an IEEE Goldsmith Legacy League (IEEE Foundation's planned giving donor recognition group) certification and medal as well as a round of applause from the Board members present.

9.0 CONFERENCES

Bruce Archambeault presented his report. (See VP Conferences Report.) He presented two motions related to EMC-S technical co-sponsorship of non EMC-S conference. After consultation with TAC, he **moved to approve Technical Co-Sponsorship for APEMC 2013 in Melbourne, Australia. The motion was seconded and approved. He moved to disapprove Technical Co-Sponsorship for EOS/ESD 2012 in Tucson, AZ. The motion was seconded and approved.**

Regarding EMC 2011 in Long Beach, the symposium is completely closed with a final surplus of \$248K, or 29%.

FUTURE YEAR SYMPOSIUMS

Tom Braxton reported on future year symposium activity. Details for the EMC 2012 – 2016 are included in the report. For EMC 2012, Chairman Mike Oliver gave an update. He noted the website is nearly complete and is open for registration, companion tours are listed on web site, approximately 120 exhibitors signed up as of 26 February, and the advance program under development. New on the technical program, the Global University will include both EMC and Signal Integrity. There is also a new Joint Tutorial with EMCS TC10 and CPMT TC12 on Signal Integrity. The committee is on schedule and on budget. All subsequent years' symposium committees are on track for activity given their years out before the symposium start date. .

REGIONAL CONFERENCE COORDINATOR

Janet O'Neil's report on regional events in Region 1-7 is included in the VP Conferences Report. She advised there are several regional events in 2012 planned by EMC Chapters in Regions 1-7. These are listed in the report.

10.0 COMMUNICATION SERVICES

Perry Wilson, Vice-President for Communication Services, presented his report. (See VP Communications Report.)

NEWSLETTER/MAGAZINE

Newsletter Editor Janet O'Neil reported on Newsletter finances for the Fall 2011 issue (see VP Communications Report). This issue was 108 pages, 4,358 copies were printed and mailed at a total cost of \$18,446. A total of 8.83 ad pages were sold generating \$15,160 in billable ad revenue, of which (after sales commissions and management fees) the EMC Society received \$8,490. The complete financial information is shown in her report. The Fall 2011 issue is the annual symposium issue and included several symposium related articles and many photos.

Regarding the 1st Quarter 2012 issue of the new magazine is 120 pages. The technical theme for this issue is "Transportation System EMC" with guest editor Mark Steffka of GM. It contains five papers/articles that draw upon material presented in Mark's session on this topic at EMC 2011. There is also new associate editor Jun Fan's first column on signal integrity (SI) contributed by authors from the Institut für Theoretische Elektrotechnik (TET), and Technische Universität Hamburg-Harburg (TUHH). Adding the three practical papers, the Design Tips column and an update on TC 7 Low Frequency EMC by Magnus Olofsson, there are 54 total pages of technical content in the issue!

Ms. O'Neil discussed the paper review process for the new magazine. This was adapted from that used by the IEEE MTT Society's Microwave Magazine. In short, a criterion for acceptance specifies papers submitted to the IEEE EMCS Magazine should be within the scope of the EMC-S, of high technical quality, and accessible to a general readership. They will be archival and appear in IEEE Xplore. They will undergo peer review with at least two independent and anonymous reviews in addition to possible reviews by the Magazine Editor-in-Chief, Technical Editor, or a Guest Editor. The review process applies to all technical content submitted to the Magazine, including invited papers, Design Tips and SI papers. The final decision on the acceptance of a paper will be made by the Editor-in-Chief based on the recommendation of the Technical or Guest Editors. Ms. O'Neil acknowledged the support of Perry Wilson in developing this paper review process.

TRANSACTIONS

Professor Heyno Garbe, the Editor-in-Chief of the *IEEE Transactions on EMC* reported here is currently a major backlog of unpublished papers – 631 pages accepted and in queue. The 2012 page budget is 1200 (up from 1100 in 2011) with six issues per year. The February issue is 237 pages and addresses “Applications of Nanotechnology in EMC” with guest editors D’Amore and Sarto. Future special issues in 2012 include “The Impact of HEMP on Civil Infrastructures” with guest editor Radasky. In 2013, “Model Validation for EMC” is planned with guest editors Archambeault and Duffy.

The new “Letters” section with associate editors Dr. Perry Wilson and Dr. Flavio Canavero is underway. Three letters were published in the February issue with 6-8 currently in review. The rules for the review process are strict, but with the goal of creating a very fast submission to publication time.

Professor Garbe’s three year term as Editor-in-Chief ends in December 2012. Professor Farhad Rachidi has accepted the invitation to be the new Editor-in-Chief. It was also noted Professors Catrysse and Drewniak have retired as associate editors. Dr. Jun Fan has agreed to be a new associate editor.

HISTORY

Dan Hoolihan, Chair of the EMC Society’s History Committee, reports the History Committee continues to write several articles on EMC Society historical activities for every EMC-S Newsletter issue. The articles include a “look-back” for 10-25-50 years in previous Newsletters plus one or two more general historical articles. A digitizer has been acquired with the 1958-1960 Newsletters scanned. The History Committee tutorial on archiving has been accepted for presentation at the IEEE EMC Symposium in August. A long term “museum” location still needed. Mr. Hoolihan is considering how to effectively archive the records of key EMC-S members, including Ed Bronaugh, Don Heirman, Leonard Thomas, Risaburo Sato, Ferdy Mayer, and others. Should the BoD and EMC Society develop a formal vision for such archiving?

WEB

Todd Hubing reported that work on the revised web design is continuing. Shannon Archambeault has converted much of the existing site and he expects to go online soon.

IEEE PRESS

No report was received.

11.0 TECHNICAL SERVICES

Bob Scully, Vice President for Technical Services, presented his report. (See VP Technical Services Report.)

EDUCATION AND STUDENT ACTIVITIES (ESAC)

Mr. Scully noted that ESAC leadership has had several changes. Tom Jerse will be stepping down as the Chair at the EMC 2012 meeting in Pittsburgh. Randy Jost has stepped down as the Vice Chair. Bogdan Adamczyk has assumed the Vice Chair position. Mark Steffka has assumed the Secretary position. Chuck Bunting has assumed the Student Paper Review Committee chair and Darryl Beetner has assumed the University Grant Committee Chair. ESAC is now holding periodic monthly conference calls.

ESAC has accepted the responsibility to establish clear coordination between the various educational activities within the EMC-S, including Fundamentals Tutorials, Standards Tutorials, Global University, and others. Coordination between and ESAC and TC-1 is one of the necessary next steps.

A new Student Hardware Design Competition for 2012 (controlling EMI from a dc/dc converter) was developed by Bogdan Adamczyk. Chuck Bunting is leading the Student Paper process which is coupled into the new Symposium paper software system. A timeline for the process has been established.

TECHNICAL ADVISORY COMMITTEE (TAC)

TAC Chair Bruce Archambeault noted the future TAC meetings include a telecom on March 29, face-to-face TAC meetings at Symposium (Monday and Thursday at Breakfast), and a telecom on October 24. The August 2011 minutes are available at <http://www.ewh.ieee.org/soc/emcs/tac/tacmtgs.htm>. On the first round of reviews for EMC 2012 symposium papers, the new Confex system worked very well and support has been outstanding. Many changes were made to improve the software for EMC-S purposes, including adding features for technical committee chairs, reviewers and authors. Mr. Archambeault recommends continued use of this system for future years. The breakdown by technical committee of the 150 submitted papers for EMC 2012 is shown in the report. TC-2 (EMC Measurement) received the highest number of papers with 37, followed by TC-9 (Computational EMC) with 36. More than 50% of the submitted papers required changes.

SSIT and TMC

The VP for Technical Services report also includes an adjunct report from Kimball Williams regarding the Society for the Social Implications of Technology (SSIT). The IEEE-SSIT is attempting to extend its reach through the use of electronic media, the most recent being 'LinkedIn'. Interesting SSIT discussions on the LinkedIn site are ongoing and currently there are 193 SSIT members connected to the LinkedIn site. The site has been converted to an "Open" group, so any IEEE member may join and participate.

Regarding the Technology Management Council (TMC), a Board of Governors (BoG) meeting was held in late February in Addison, Texas. The meeting was quite dynamic and well attended, with 8 of 14 member Societies in attendance, 9 of 10 BoG members in attendance, and Jayne Cerone from TAB. The main issue for the TMC at present is the lack of member Society participation and commitment. After much discussion, it was ultimately decided that a detailed MOU should be developed for the member Societies establishing the expectations for both the member Society and the TMC. These would be individualized, but the core MOU content would be the same across all member Societies. Another large issue for the TMC is funding. The IEEE is currently "taxing" the TMC at a substantial rate as compared to other similar councils. This could be for many reasons, but one area where the TMC feels they can improve their situation significantly is to begin expanding their Engineering Management Review (EMR) publications area. (See EMR Version Slides.)

12.0 STANDARDS SERVICES

Don Heirman, Vice-President for Standards, presented his report. (See VP Standards report.) Regarding the Standards Development Committee (SDCom), the officers are Andy Drozd, Chairman, Colin Brench, Vice Chairman, and Ed Hare, Secretary. The report includes an update on the status of the IEEE EMC standards as discussed at the meeting. The committee's baseline policy and procedures were approved by the IEEE Standards Association (SA) Audit Committee. A nominations committee was formed for SDCOM officer election by the Pittsburgh meeting. Mr. Heirman reiterated the availability of the Standards Travel Grant for active WG members to attend WG meetings outside of the annual symposium meeting. The committee requested Mr. Heirman confirm that the IEEE Foundation will allow funds for an SDCOM representative to attend meetings of non-SDCom standards developers to protect EMC-S interests. EMC issues in other Society standards were discussed. A draft proposal will be sent to SDCOM for approval to send to the SA Procedures Committee (ProCom) for approval of above process for standards jointly sponsored with EMC-S. Mr. Heirman asked for show of support from Board about Societies or other organizations with multiple sponsors who publish standards that include EMC. The Board supported SDCOM's position to have the EMC Society review the standard before publication.

Regarding the Standards Education and Training Committee (SETCom), Alistair Duffy is now the new Chairman. The offices of Vice Chairman and Secretary are vacant. The committee is planning several workshops for 2012 at the IEEE Symposium in Pittsburgh (Smart Grid) and at EMC Europe in Rome, Italy (IEEE Standard 299). Since few members have indicated an interest in joining the SETCom, the committee approved merging with SDCCom. SETCom topics will be included in SDCCom Policy and Procedures. A formal proposal will be made prior to the next meeting in Pittsburgh.

Regarding the Standards Advisory and Coordination Committee (SACCom), the officers are John Norgard, Chairman, Andy Marvin is Vice chairman, and Don Heirman is Secretary. Reports were presented on Accredited Standards Committee C63®, IEC/CISPR Subcommittee A (Measurement methods, instrumentation and statistical techniques), IEC/CISPR Subcommittee B (Industrial, Scientific and Medical), IEC/CISPR Subcommittee H (Generic Emission Limits), IEC/CISPR Subcommittee I (Information Technology Equipment) and Information Technology Industry Council-EMC.

The meeting was suspended at 5:30 pm on March 17.

The meeting was called to order at 9:00 am on March 18.

13.0 NEW BUSINESS – The following topics were discussed on Sunday, March 18, 2012

IEEE CEU Program Changes – Bob Scully discussed changes in the IEEE CEU program. (See VP Tech Services IEEE Certificate Program.) Mr. Scully noted that the IEEE Continuing Education program has been in place for some time and was recently revamped to include Professional Development Hours (PDHs) and general Certificates of Completion. A review of the new pricing structure is included in his report. Mr. Scully noted the Society has been using CEUs since EMC 2007 in Hawaii for the Global University. Now, the Society can continue to do so at a lower cost. He recommends the Society consider using CEUs, PDHs, and CC as a means of attracting attendance to as many EMC-S events as possible. For example, CEUs, or PDHs, could be offered for EMC-S DL events. The guidelines, application and evaluation forms were reviewed. (See IEEE Certificate Program Course Application Guidelines, IEEE Certificate Program Course Application, and CEU Evaluation Form.) Mr. Scully will chair an ad hoc committee to address expanding the EMC-S certificate program beyond the Global University.

EMC-S Bylaws - Francesca presented an update on the EMC-S Bylaws related to replacing the word “newsletter” with “magazine” in the EMC- S C&BL. **Bruce Archambeault moved to waive the requirement for 15 days notice to approve a Bylaws change. The motion was seconded and approved. Ms. Maradei moved to replace the word “newsletter” with “magazine” in all places throughout the EMC-S C&BL. The motion was seconded and approved.**

Board Forum – Ms. Maradei asked all members to upload their material to the Board Forum following the Board meeting and presented the steps on how to do this.

EMC-S Technically Co-Sponsored (TC-S) Conferences - Frank Sabath talked about the upcoming conferences where the EMC-S is a TCS and asked who from the Board would be attending to take advantage of the free registration offered as part of the TCS agreement. For SPI in Sorrento, Italy, Flavio Canavero will attend and use the registration. For the ESA conference in Venice, no Board member was identified as being able to attend and use this registration. Frank Sabath noted he will attend the EuroEM conference in Toulouse, France and may use the registration or offer it to Bill Radasky.

EMC-S Surveys – Bruce Archambeault talked about info from the print surveys conducted at the annual Symposium. It was noted the majority of those who complete the print survey are in the 45 year plus age category. Electronic surveys were discussed as a means to reach members less than 45 years of age. Mr. Archambeault will chair an ad hoc committee to address the EMC-S symposium survey.

EMC Europe – Frank Sabath noted the EMC Europe steering committee has digitized the content of the proceedings of the previous editions of EMC Europe. They are looking for a home for these papers. Frank Leferink is handling this and looking into copyright issues for the material. He has been in contact with Dan Hoolihan about this. Mr. Hoolihan has checked with IEEE about how to handle this, but is not getting any firm response. He would like to see an MOU written/executed to confirm the transfer of this information from EMC Europe to the IEEE EMC Society. Then, he would like to see a motion presented at the August Board meeting to confirm the arrangement.

ISEMC Domain – Todd Hubing informed the Board his website committee is looking for a new ISP provider as the ISEMC site is difficult to maintain.

2012 Meeting Schedule - Ghery Pettit presented the list of dates for future Board meetings in August (Pittsburgh) and November (Raleigh). (See 2012 Meetings.) There will not be any strategic planning meeting in November so the Standards meeting will go one full day.

14.0 FINANCIAL IMPACT OF APPROVED MOTIONS

Francesca Maradei summarized the financial impact of motions made during the meeting. (See Financial Implications Summary.)

15.0 ACTION ITEM REVIEW

Secretary O’Neil reviewed the action items discussed during the meeting. An updated, consolidated list of action items will be sent to the Board following the meeting.

16.0 CLOSING REMARKS

President Pettit thanked the Board for attending the meeting.

17.0 ADJOURN

The meeting adjourned at 12:00 pm.

Submitted by:



Janet O’Neil
Secretary, EMC Society Board of Directors