

# EMC Society Board of Directors Meeting

*The Hilton Hotel  
Portland, Oregon  
August 13, 2006*

## THE PRESIDENT'S OPENING REMARKS/CONSENT AGENDA

President Drozd called the meeting to order at 9:30 am. A round of introductions was made. Board members present included B. Archambeault, H. Benitez, C. Brench, A. Drozd, R. Ford, F. Heather, D. Heirman, L. Hill, D. Hoolihan, E. Joffe, F. Maradei, M. Montrose, J. O'Neil, S. Nitta, J. Norgard, G. Pettit, R. Scully, D. Staggs, D. Sweeney, R. Wallen, and K. Williams. W. Kesselman was an absent Board member. Guests included D. Arnold, A. Chubukjian, R. Davis, J. Drewniak, H. Garbe, R. Goldblum, R. Hofmann, R. Jost, G. Kilshaw, J. LaSalle, W. Strauss and K. Wyatt. President Drozd thanked the Portland Symposium Committee for their assistance in setting up the meetings this week. President Drozd presented the agenda, which was approved. The approved May Board minutes will be posted to the EMC Society website.

## FINANCE COMMITTEE REPORT

Kimball Williams presented the finance committee report. The graphs show that the income and expenses are concentrated on the annual symposium. Mr. Williams suggested that additional trainings and workshops, perhaps an additional conference, be scheduled each year to add to the Society's income base as well as recruit new membership. He referred to Treasurer Warren Kesselman's report, which was circulated to the Board prior to the meeting. Regarding 2005 operations, IEEE 2005 post-closing, pre-audit financials indicate that EMCS had a positive 2005 operations net of \$175,200. EMCS's December 31, 2005 "Net Worth" was \$1,692,000. Regarding 2006 operations, the EMCS had a cumulative first-half year operating surplus of \$272,000. The end of the second quarter financial forecasting review projected the year-end net would be a deficit of approximately \$20,000 (not including "market fluctuation").

The 2007 second pass budget review projects a \$49,600 deficit, within IEEE deficit budgeting policy.

## COMMUNICATION SERVICES

Ghery Pettit, Vice-President for Communication Services, presented his report. He summarized the activities under Communication Services as follows: Janet O'Neil, Newsletter Editor, advised that the Spring 2006 issue was the longest issue to date with 116 pages. It was the special issue with 37 pages devoted solely to coverage of the Portland Symposium. This was created in lieu of an advance program this year to save money. Since this issue had a much wider distribution of 11,508 print copies (it was sent to all past symposium attendees as the advance program was traditionally sent and to various tabletop shows to promote the symposium) than previous issues, and the page count was higher given the Portland Symposium content, the cost was considerably higher than last year's spring issue, however, ad revenue was also considerably higher. Cost information was provided for comparison. Barry Wallen will address some of the execution issues for sending the EMC 2007 symposium information next year in his VP Conferences report. He will also cover EMC 2006 symposium committee versus Newsletter budget issues related to this Spring 2006 issue in his report. Regarding general Newsletter information, Bob Olsen continues his transition of Technical Editor responsibilities to Flavio Canavero. Flavio will take over with the Winter 2007 issue. He will continue to work with incoming Transactions Editor Perry Wilson to liaison on the evaluation of material suitable for the Newsletter or Transactions. Ms. O'Neil will work with Barry Wallen, the EMC 2006 committee, and the EMC 2007 committee, along with IEEE, to determine the best strategy for next year's symposium advance program. Ms. O'Neil then discussed an opportunity to videotape Clayton Paul while he is speaking at an Atlanta Section and EMC Chapter event being held at the Georgia Tech Global Learning Center on October 10. The Board approved creating a videotape of Clayton Paul during this lecture. Mr. Pettit noted there was no formal report provided by Flavio Canavero, Transactions on EMC Editor in Chief. However, the subject of papers from the EMC Zurich in Singapore symposium was discussed further. The Board approved a special section in the November Transactions (about 50 pages, 8 to 10 papers) to highlight the best papers from this conference. While these papers will cover the same topics as were presented in Singapore, they will have substantial new content. This is not to say that a paper will be considered "new" simply by adding a few figures or re-arranging the content. Mr. Pettit recommended Professor Canavero and Perry Wilson (and their staff) use their editorial and professional judgment in accepting papers for this special section in the November Transactions. Next, Mr. Pettit advised that work is underway to update the



*Multi-tasking Board member Bruce Archambeault (far right) of IBM conducted one of the software demonstrations held in Portland during the EMC Symposium.*

EMCS website. Draconis Designs will perform the web maintenance function. President Drozd asked Mr. Pettit to prioritize the actions required to update the site, such as repair the broken links, etc., so the work can proceed in a systematic way. Regarding IEEE Press, Ray Perez presented his report noting there is no outlay of royalties received by the EMCS in this status report. Regarding new potential books, in the Winter 2006 issue of the EMC Newsletter, the first ad concerning a call for authors appeared. The ad was repeated in the Spring issue of the Newsletter. Three potential authors have responded to these ads, one from Italy, Germany, and the UK. He has changed his recruitment approach to be more personal and to solicit single author books as well as multiple author books. For single author books, dedicated topics could be transients, measurements versus testing requirements, high power, and EMC standards (novice guide). For multiple author books, topics could be nanotechnology, aerospace, systems EMC, EMC management, personal wireless and telecommunications, and medical EMC, to name a few. Mr. Perez noted that reviewers are needed for these books. He is also following procedures mandated by the Board at its March 17, 2006 meeting that all EMCS sponsored books must go through the Technical Activities Committee to assign reviewers. Next, Dave Staggs, Public Relations Chair, presented the design and pricing of the new EMCS lapel pin using the 50th Anniversary logo. The Board discussed the pros and cons of distributing the pins and who would receive these and when.

## STANDARDS SERVICES

Don Heirman, Vice-President for Standards, presented his report. Standards activity covers three major areas: The Standards Education and Training Committee (SETCom), the Standards Advisory and Coordination Committee (SACCom), and the Standards Development Committee (SDCom). The SETCom chair is Qiubo Ye and the vice-chair is Professor Johan Catrysse. The SACCom Chair is Dave Guzman of RF Tek in Raleigh, North Carolina, replacing Elya Joffe who asked to step down due to other Board commitments. The SDCom continues to be chaired by Stephen Berger. Mr. Heirman reviewed the Standards Committee activity for the symposium week. Several working groups will be meeting. Mr. Heirman noted that Nigel Cater, chair of the revision of Std 1309 (probe calibration) unfortunately would not attend the symposium, due to recent travel restrictions from the UK. All meetings are open to anyone with an interest to attend. Mr. Heirman noted current difficulties related to collaborative work on the BPL (Broadband Powerline Communications) standard (P1775) with the Power Engineering Society including getting a draft of the standard. Also, concerning P1900 (Interference/co-existence-Software Defined Radio), this may possibly proceed under an IEEE SA Standards Coordinating Committee which would be comprised of multiple society interests rather than sharing activity with the Communications Society.

## MEMBER SERVICES REPORT

Elya Joffe presented the report on Membership Service. This includes a report on the budget for Membership Services. Bruce Archambeault gave a report on the EMCS Awards. All awards were voted on at the May meeting in Germany. New



*Clayton Paul (right) assisted Board member Dan Hoolihan of Hoolihan EMC Consulting (left) in the EMC Society membership booth in Portland. Bill Hurst of the FCC and Mary Jo DiBernardo of NIST (backs to camera at left) stopped by for some information on next year's symposium in Hawaii.*

this year is posters of the top award winners, which will be placed near the registration desk to give these winners more exposure. Dr. Archambeault noted that there are some award issues to discuss related to the Beranek Travel Grant and the Best Student Paper and Best Student Design. The Board approved establishing a policy where the cash award for the best student papers would be evenly split among all student authors. The Board also approved establishing a policy that the cash award for the best student design contest award be evenly split among all student designers. The Board agreed to develop policy, in conjunction with the TAC, on the Best Student Paper Award winner being removed from consideration of the Best Symposium Paper Award. The Board approved Dr. Archambeault's suggestion that the Board establish a policy such that the cash award for the Leo L. Beranek Anechoic Chamber Travel Grant is awarded to the student authors of the



*The Chapter Chairmen Luncheon is presided over by Francesca Maradei of the University of Rome "La Sapienza" (second from left). Board members attending the luncheon included (from left) Janet O'Neil of ETS-Lindgren, Kimball Williams of Denso International America, and Elya Joffe of KTM Project Engineering. Joining the lively table was Bob Neff (second from right), who is active in the SE Michigan EMC Chapter.*



*Checking out the new 50th anniversary memorabilia are (from left) Don Heirman of Don HEIRMAN Consultants, Ghery Pettit, Fred Heather, Dan Hoolihan (holding mug) and Bob Scully of NASA.*

second place winner in the Best Symposium Student Paper contest and student team members winning second place in the Best Symposium Student Design contest. One \$1,000 award will be split among all the student authors of the selected paper and one \$1,000 award will be split among the team members of the chosen design. Dr. Archambeault reviewed the President's Memorial Award and family member travel to attend the luncheon. He recommended a policy be created to address expenses and procedures associated with this award. Dan Hoolihan and Dick Ford volunteered to work with Dr. Archambeault on this policy. Next, Dave Staggs reported on membership statistics. As of June 2006, the total number of active EMCS members was 3,922, down 3.8% from this same time in 2005. The most current on-line SAMIEEE membership database shows that the EMCS has 3,971 active members, of whom 481 are Senior Members, 168 are Student Members, and 72 are Fellows. Total IEEE membership is 337,888 as of June 2006, down 1.8% over 2005 numbers. In his report, Mr. Staggs presented a membership breakdown by category pie chart. Mr. Joffe noted there were 288 EMC Society members that retained their IEEE membership, but let their EMC Society membership lapse. He contacted these lapsed members to inquire about their reasons for not renewing their EMCS mem-



*Board member Barry Wallen received a Certificate of Acknowledgement in Portland for his outstanding work on behalf of the EMC Society in serving as the Vice-President for Conferences.*

bership and received a few replies. Mr. Joffe also noted that 31 EMCS members elevated to Senior grade in 2006. Elya advised that Lee Hill is stepping down as the Chair of the Distinguished Lecturer (DL) committee. The Board thanked him for his years of service. The new DL Chair as recommended by Mr. Hill is Jim Drewniak of the University of Missouri-Rolla. Mr. Joffe noted that several challenges are foreseen, including increased globalization of the DL service and increased globalization of the DLs themselves. These and other challenges were included in his report. Chapter Coordinator Francesca Maradei then reported on the status of Chapters and Angels. No new chapters have formed since the last Board meeting in May. Bob Scully has submitted a petition to the IEEE Galveston Bay and Houston Sections for a new joint chapter there. John Osburn has initiated the reformation of the Fort Worth, Texas EMC Chapter. Contacts have been established in Dayton, Ohio about re-activating the dissolved EMC Chapter there. This may be a joint EMC-PSE chapter. Efforts continue on a new Chapter in Vancouver/British Columbia, Canada, and in the Czech Republic, a joint EMC/MTT/AP/ED chapter. New EMC chapter activity continues in Mexico, Argentina, Bogotá, Thailand, Hong Kong, Bangalore, Hyderabad, and Algeria. The Chapters will be required to submit reports on a quarterly basis. The Benelux Chapter is on the watch list since no meetings were held in 2005. Ms. Maradei is working to update the Chapter Guide/Handbook and to create a new "Angel Manual." Regarding Chapter Retreats, Mr. Joffe noted that Frank Sabath is helping organize a retreat on September 11 during EMC Europe 2006 in Barcelona. The objectives of the Chapter Retreats are primarily focused on the exchange of information and experience between Chapter officers, discussion of current problems, coordination between different chapters, and providing advice /assistance for less active and new potential chapters. Chair Heyno Garbe reviewed the charter of the Fellow Nomination Support Committee. Members include Bruce Archambeault, Bill Duff, Heyno Garbe, and Bob Goldblum. The overall goal is to support the Fellow nomination process and have the successful nomination of four members per year. The support committee does not identify Fellow candidates. As such, he would like to change the name of the committee to the Fellow Assistance Committee. Professor Garbe asked that the policy be that the EMC Board of Directors approves the chair and members of this Fellow Assistance Committee. Regarding the Fellow Evaluation Committee, chair Bill Duff reported that there were nine Fellow nominations evaluated by his committee this year, a record number of qualified candidates. Fred Heather submitted a detailed report on the attendee survey conducted in Santa Clara (2004) and Chicago (2005) at the May Board meeting. He is working on a revised survey form for 2006, keeping in mind not to make too many changes and implementing an "on line" version. Mr. Joffe recognized Ken Wyatt as the EMCS photographer. He continues to assist the Newsletter editor in providing photos and cover artwork. He is working with Membership Services on a new process to provide photos for award recipients (either digital files or framed prints). He is working with the History committee to create an historical archive of images. Please send all suggestions or comments related to photography to Ken Wyatt at [ken\\_wyatt@agilent.com](mailto:ken_wyatt@agilent.com). Mr. Joffe advised that PACE Chair Bill McGinnis is working on a resume review assistance pro-

gram that will debut at the Portland symposium. He plans to prepare an article for publication in the EMC Newsletter. Mr. Joffe then reported on IEEE Regions 8-10 which shows that membership development activities will be carried out in conjunction with the following symposia: EMC Europe 2006 in Barcelona, and possibly the 4th Workshop on Biological Effects of EM Fields, October 2006, Crete, Greece. He was unable to attend EMC Wroclaw in June, but John Norgard and Barry Wallen represented the Board. The new Region 9 representative, replacing Carlos Sartori, is Maria Alejandra from Bogotá, Columbia. In Region 10, no report was received from Takeo Yoshino. As this is one of the fastest growing regions in the IEEE and EMCS, Mr. Joffe recommends concentrated effort to spur EMC activity in this area. Mr. Joffe noted that work has begun to identify candidate "sister societies". Such organizations exist in Australia, China, Japan, Malaysia, Israel, and several other countries. Work for development of the charter for the position of "Sister Society Coordinator" and MOU templates is under way. Lastly, Mark Montrose reviewed the IEEE and EMCS governance documents. He discussed the EMCS Operating Procedures and Policy document. The effort to update these documents is ongoing.

## TECHNICAL SERVICES

John Norgard, Vice President for Technical Services, presented his report. He noted that the Chair of the Technical Advisory Committee (TAC) is Bill Strauss. Vice-Chair is Arto Chubukjian, and Secretary is Robert Scully. Regarding the software for evaluating the papers for the annual symposium, Mr. Norgard advised that they are exploring options for upgrading existing software or purchasing new software. He noted that the new TAC chair would be involved in the software decision-making. Don Heirman noted that since there are more papers expected for Hawaii, he suggests delaying any major software changes until after the 2007 symposium. Fred Heather gave his report that the RAC/SACCom annual luncheon plans for August are underway. The open positions on the committee include representation on the IEEE-USA Energy Policy Committee and the IEEE Society on Social Implications of Technology (SSIT). Mr. Norgard advised that Maqsood Mohd is stepping down as chair of the Education and Student Activities Committee. The current Vice Chair Bob Nelson is interested in being the chair and the current Secretary Randy Jost is interested in being the vice-chair. The Board approved Bob Nelson becoming chair and Randy Jost becoming vice-chair of this committee. Mr. Norgard's report listed the subcommittees under the ESAC. He noted that the secretary position is open on this committee.

## CONFERENCE SERVICES

Barry Wallen presented his report. He provided the following update on EMCS Symposiums: **EMC'2005 Chicago, IL (Chair: Tom Braxton)** - The final un-audited financial report for the 2005 Chicago EMC Symposium has been received and the Revenue/Expense/Surplus numbers are listed below. This conference has not been closed and this exceeds the 6-month closure rule. After discussions with Vita Feuerstein and Peter Curtis of the IEEE, it was discovered the problem rests with the IEEE



*Visitors to the Board meeting in Portland included John LaSalle of Northrup Grumman (left) and Todd Hubing of Clemson University.*

CMS and Audit groups. Vita has stated that the EMC Society is in no way to blame nor will any fines be levied for this delayed closing. VP Note: The final audit report has been received (8/10/2006). *No anomalies were noted and the results are as listed below. The conference can be considered closed.* Revenue was shown as \$1,024,817.26 (103.15% of budget), expenses were \$852,335.93 (101.11% of budget), for a net surplus of \$172,481.33 (114.58% of budget, 16.8% of revenue). **EMC 2006 Portland, OR (Chair: Henry Benitez)** - Symposium preparations are proceeding as planned. Registrations by members are down by approximately 60 from 2005. Non-member registrations are up by more than 20. The Newsletter replaced the Advanced Program for 2006. This experiment is currently being evaluated. Initial results look encouraging. Arrangements for the keynote speaker have been completed. Dr. Bernard Amadei has agreed to be the keynote speaker and he will be speaking on "Engineers Without Borders". Exhibit sales are on track with Chicago with 162 exhibitors and 219 booths as of late July. Work on the Exhibitor's Showcase and Forum is progressing. **EMC 2007 Honolulu, HI 50th Anniversary Symposium (Chair: Janet O'Neil)** - Recent committee activity has focused on marketing, coordinating the website, preparing the Call for Papers, Call for Workshops/Tutorials, and filling open positions on the committee. On marketing, Jim Blaha (Pub-

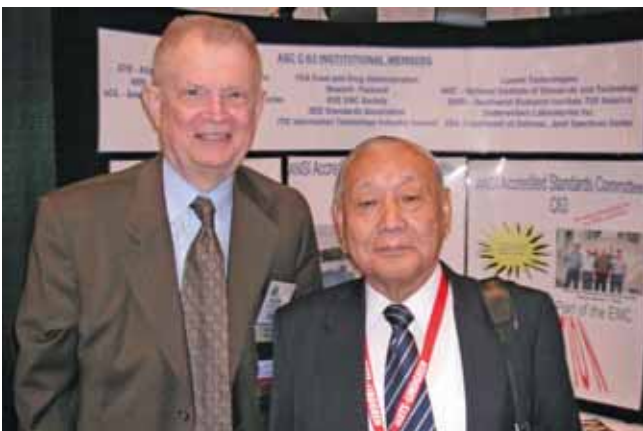


*The family of Board member Fred Heather, with the Navy Pax River, enjoyed a social event while in Portland. Fred is shown with his wife Sue and daughter Marybeth.*



*Board members Andy Drozd of ANDRO Computational Solutions (left) and Colin Brench of Hewlett Packard appreciate some "down time" during the very busy symposium week in Portland.*

licity Chair) has created a brochure and posters on EMC 2007 for distribution in Portland and at non-IEEE conferences globally that highlight the special symposium and anniversary activities. PR reps (members of the IEEE EMC community) are being asked to take these to various EMC related conferences they attend in their respective areas internationally. The EMC 2007 booth during EMC 2006 and related promotional activities has been coordinated with IEEE and the Hawaii CVB. An EMC 2007 calendar has been created to showcase Hawaii and provide key dates related to the symposium and to the 50th anniversary of the EMCS. Dan Hoolihan and his anniversary committee provided the dates related to EMCS history. These calendars will be printed for mailing this fall and distributing at EMC conferences, tabletop shows, chapter meetings, etc. throughout 2006/2007. Ms. O'Neil submitted an application to IEEE for the Global EMC University course created by Clayton Paul and Flavio Canavero so that CEUs may be applied to the course. This may help boost attendance. Regarding the host hotel for EMC 2007, the contact with the Hilton Hawaiian Village has guest rooms priced at: \$189.00 garden view room rate /\$205.00 Partial Ocean view room rate /\$219 Full Ocean view rate. Prices are 2007 contracted rates, plus tax.



*Catching up during the Portland EMC Symposium are Board member Don Heirman of Don HEIRMAN Consultants (left) and recently elected Board member Takeo Yoshino of the University of Electro-Communications in Japan.*

These are excellent rates for Hawaii in high season. These rates are also in line with previous symposium hotels located in a major city including Boston 2003: \$159 Hilton/\$189 Sheraton (host hotel), Santa Clara 2004: \$159 Marriott (host hotel)/\$189 Westin, and Chicago 2005: \$159 Sheraton (host hotel)/\$169 Hyatt. IEEE will revisit the contract with the hotel in September following EMC 2006 so the actual room block filled in Portland can be evaluated against the contracted room block secured at the Hilton Hawaiian Village. There may be a need to increase the room block for next year; hopefully this can be done at the contracted rates. IEEE CMS reports that space is on hold for the Wednesday gala luau at the Royal Hawaiian and at the Marriott Turtle Bay Resort for the Friday anniversary celebration. **EMC 2008 Detroit, MI (Chair: Kimball Williams)** - All committee positions have been filled. The committee is holding monthly telecom meetings. Regarding the budget, updated revisions based upon the Chicago budget have been put in place. The host hotel will be the Renaissance Marriott Detroit; the contract has been signed. The venue is Cobo Hall and the contract has been signed. **EMC 2009 Austin, TX (Chair: David Staggs)** - IEEE Insurance and Information Schedule forms are complete and submitted to IEEE CMS. The contract between the IEEE and the Austin Convention Center has been signed. The contract between IEEE Conference Management Services (CMS) and Central Texas Chapter of EMCS is being developed. The IEEE CMS contract should be signed in the near future pending a review of 2007, 2008, and 2009 contract pricing comparisons by the VP of Conferences. They are working on a preliminary budget based on a template from VP Conference Services. **EMC'2010: Fort Lauderdale (Chair: Fred Heather)** - The committee is working on an operating manual to describe committee member's activities and schedule of events. They have received an updated proposal from Fort Lauderdale and have reserved the convention facility. Mr. Wallen is working on a request for proposal for CMS and budget for this symposium. He plans to have an informal committee meeting at the Portland EMC Symposium with CMS about this symposium. The current listing of the Symposia Committee includes: General Chairman – Fred Heather, Vice Chairman – Open, Secretary – Open, Treasurer – Long Island Chapter member, Technical Program – Larry Cohen, Exhibits/New Product Presentations – Andrew Drozd, Publicity (Public Relations) – Ron Brewer, Local Arrangements: Bob Goldblum. The budget will be developed in 2007. Preliminary budget work is underway. The host hotels are being evaluated. Next, Exhibitor Liaison Janet O'Neil reported she has been working with Bruce Archambeault and the site selection committee for 2011. She has assisted the Los Angeles Chapter Chair, Ray Adams, in locating a suitable venue in Southern California. For EMC 2007, she sent an e-mail to all exhibitors reminding them about EMC 2006 in Portland, providing an update on EMC 2007, and shipping to Hawaii. A special promotion is being planned to encourage exhibitors to sign up for EMC 2007 exhibit space during EMC 2006. Plans are underway for the exhibitors' breakfast in Portland. Dr. Nigel Carter, the Global Symposia Coordinator, provided updated data regarding forthcoming Global Symposia and Conferences, which are (or proposed to be) Technically Co-Sponsored by the EMCS. Only two new requests for Technical Co-Sponsorship have been received since the last Board Meeting. The list of conferences is includ-

ed in the Conferences Report. Next, regarding regional conferences in Regions 1-7, Janet O'Neil reported that the following tabletop shows took place since the last Board meeting: May 16, Chicago, Illinois, 8th Annual Mini-Symposium with multiple speakers; June 6, Waldorf, Maryland, a Tri-Chapter EMC Event on "Fundamental and Advanced Topics in EMC"; July 11, Huntsville, Alabama, "The Fundamentals of EMC" presented by Clayton R. Paul, Mercer University; July 13, Dallas, Texas, "The Bruce Lee Show" - EMC Design Concepts and Applications for the Real World presented by Bruce Archambeault, IBM and Lee Hill, SILENT; July 21, Denver, Colorado, "Practical Measurement Techniques and Facilities for RF Testing" with multiple speakers. The Chicago, Dallas, and Denver shows were well attended with some 60+ people at each event. In Huntsville, this show was exceptionally well attended with 156 people coming to see Clayton Paul. This high attendance is likely due to the appeal of the speaker and the local military market that is very eager for EMC education. The show in Waldorf attracted some 25 people; this may be attributed to the suburban location as well as the parallel sessions. Each of these shows was successful financially and did not incur a loss. Frank Sabath reported on activities in Region 8. Regarding cooperation with EMC Europe, he sent an e-mail to Johan Catrysse briefing him on the results of the May meeting between EMCS and EMC Zurich. Generally, Johan welcomes a closer cooperation between EMCS, EMC Europe, and EMC Zurich. As chair of the ISC of EMC Europe, he sees a good chance for establishing a joint review board serving EMC Europe and EMC Zurich. Johan is looking forward to a meeting between representatives of EMCS, EMC Europe, and EMC Zurich in conjunction with EMC Europe 2006, Barcelona. Mr. Wallen's report showed a list of EMC related conferences scheduled for 2006 and 2007 in Region 8. Currently there are no new workshops planned for Region 8. Regarding Region 9, Janet O'Neil reported that a two-day tabletop show with multiple local speakers as well as Andy Drozd and Bob Olsen was held on June 27-28, 2006 in Mexico City. A potential new chapter is under development in this area and the event was a good catalyst to get the activity started. This was held at IPN (Instituto Politecnico Nacional) in Mexico City; Dr. Linares was the contact there. There were problems with the local section and the handling of finances for registration, catering on site at the venue, etc. Presentations were given in Spanish and in English. As such, Ms. O'Neil recommends that unless the EMC Society directly is willing to organize these events and handle the finances (such as for the EMC Brazil 2002 event), future tabletop shows in this region should not be held. Since Carlos Sartori is no longer available to be a regional liaison for these events, it is not practical to organize these tabletop shows from the US due to language barriers, cultural nuances, etc. Regarding Region 10, Shuichi Nitta advised there was no new activity to report on since the May Board meeting. Mr. Wallen noted there is currently activity on a conference in Xiamen, China. The TCS application has been submitted directly to him via Dr. Wu. This is being forwarded to Bill Strauss for review and at the same time they are pursuing the possibility of making this a Beijing Chapter regional event. Next, Mr. Wallen showed the current organizational chart for the structure of the EMC Conferences Group. Jim Blaha is the newest member for Marketing and Publicity as approved at the May meeting. He is primarily working on



*Ghery Pettit of Intel visits with Perry Wilson of NIST, incoming Transactions on EMC Editor in Chief, and Randy Jost of Utah State University, incoming Vice-Chair for the Education and Student Activities Committee, (from left) while in Portland.*

EMC 2007 publicity at this point, but this work can be used for the subsequent symposiums. He has had discussions with Gary Uyeda of the Hawaii Convention Center, which led to a team approach in promoting EMC 2007 in Portland. The EMC 2007 Promotion Campaign is almost complete. The goal is to recruit worldwide all EMC Chapter Chairs to promote EMC 2007. This will provide an instant force of 61 EMC 2007 "Sales Reps". As an EMC Chapter Chair, their responsibilities will be defined and easily implemented. He will do a presentation on this at the Chapter Chairs Luncheon. After Portland, Mr. Blaha plans on developing an EMCS Promotion Handbook on Key Events, Timelines, and Activities. This Handbook will be based on his past six months of activities. Regarding the Site Selection Committee, chair Bruce Archambeault reported on the two venues proposed for the 2010 Symposium, Long Beach and Pittsburgh. A representative from each city then gave a presentation to promote their respective venues. The chair of the Los Angeles EMC Chapter, Ray Adams, then spoke to the Long Beach location. Michael Oliver, Chair of the Pittsburgh EMC Chapter, followed with comments on the merits of the Pittsburgh location. Mr. Archambeault noted the committee is developing a process to identify a number of 'pre-qualified' cities where we might hold future symposiums. Once we have this list, we can work with the local chapter to develop a plan for that venue. Bob Hofmann then reported on the current status of the Symposium Finance Committee activity. They are reviewing and developing a strategy to deal with the new budget tool received from the 2006 IEEE Panel of Conference Organizers. This will require incorporating all of our previous modifications to the budget template. In closing his report, Mr. Wallen reviewed the experiment wherein the traditional advance program for the symposium was eliminated in favor of including symposium highlights within a special section of the Newsletter. This occurred with the publication of the Spring 2006 Newsletter. Revenue and cost information on this issue versus the Spring 2005 issue was shown in the Newsletter report above. In short, while the experiment certainly saved the Society several thousand dollars, it may have impacted symposium attendance, as members did not notice the special section of the Newsletter, which contained the Portland symposium



*Also multi-tasking in Portland was Board member Lee Hill of SILENT, shown lecturing during the technical program during the symposium.*

information. Lessons learned will be evaluated for this effort with EMC 2007.

## **EMC SOCIETY 50TH ANNIVERSARY COMMITTEE**

Dan Hoolihan presented his report. 12 Oral interviews have been completed on EMC founders and early Presidents of the Electromagnetic Compatibility Society. These are all available on line at [http://www.ieee.org/organizations/history\\_center/oral\\_histories.html](http://www.ieee.org/organizations/history_center/oral_histories.html). The IEEE History Center continues to research materials for a 24-page booklet on the history of the EMC Society. Ghery Pettit, Flavio Canavero, and Perry Wilson will create a special issue of the Transactions in 2007 to commemorate the 50th Anniversary. This will be similar to the EMC Society's Silver Anniversary Special Issue (Volume EMC-25 – No. 3) published in August 1983. The committee will benefit from the IEEE's recent efforts in digitizing all Transactions and past EMC Symposia records prior to 1988 and placing them in the electronic library to be accessed via Xplore. Hard copies of the EMCS Transactions from 1957-1987 were sent to IEEE for digitization. The committee has budgeted \$15,000 in 2006 for digitizing the EMCS symposia records. The committee is discussing coordination of the costs for putting all 50 years of the EMCS Transactions and symposia records on a DVD with the IEEE as part of this "digitization" project. Mr. Hoolihan's report includes a list of other special anniversary recognition items such as lapel pins, special plaques for pioneer technical papers, the power point presentation, and a luncheon for the founders and past presidents of the Society, among other items. Mr. Hoolihan acknowledged Fred Heather's efforts in using the 50th anniversary logo on promotional items to be displayed for sale at the Portland Symposium.

## **OLD BUSINESS**

*The following items were discussed:*

### **BoD and Excom Share Point Sites**

President Drozd asked Mr. Pettit to check into Share Point Sites for uploading VP PowerPoint Presentations. This is important for facilitating Board business.

### **Long Range Plan Revisions/Review**

President Drozd advised that this planning would be addressed before the November meeting.

## **NEW BUSINESS**

*The following items were discussed:*

### **Web and Teleconference at the Board Meeting**

The Board discussed having the capability for web and teleconference capabilities at each Board meeting. The consensus was not to have this capability at the annual Board meeting held during the symposium, but to have it available at the other Board meetings.

### **Policy on Charitable Contributions**

President Drozd noted that the Board has donated to the Hurricane Katrina relief charity. Since then, the Society has been approached to make other donations. Also, when a prominent member of the EMC Society dies, should a donation be made in that person's memory to the family's specified charity? President Drozd asked Mr. Williams to draft a policy on this for inclusion in the Board's policy manual.

### **Terms of Office/Officer Succession Plans**

President Drozd suggested that job descriptions be created for leadership positions and that these be used to recruit new volunteers for Board positions via e-mail notices. In addition to skill sets required for the position, travel and time requirements should be included. President Drozd noted that officer elections are coming up in November. Every officer should have a replacement in mind so that succession is ensured. This is part of our long range planning.

### **2006/2007 Board Meetings**

The following meeting dates and locations were confirmed:

November 9-11, 2006 in Houston

March 14-16, 2007 at IEEE in Piscataway, NJ

July 7 and 12, 2007 in Honolulu, Hawaii – In conjunction with the annual symposium

November 8-10, 2007 in Melbourne, Florida

### **Conference Delegates**

President Drozd showed the list of upcoming future EMC conferences of which the EMC Society is a technical co-sponsor. He asked if any Board members were planning to attend these conferences. He would like to see the Board represented at these conferences. Following is a list of the conferences discussed and who from the Board is planning to attend: EMC Europe in Barcelona – John Norgard, Barry Wallen, Elya Joffe, Kimball Williams, Francesca Maradei; Biological Effects Conference, Crete, 16-20 October 2006 – Elya Joffe; EMC UK 2006, Newbury, UK, 17-18 October – No one defined as yet; EMC/China 2006, Shanghai 15-17 November 2006 – No one defined as yet.

## **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.

## ADJOURNMENT

There being no further business, the meeting adjourned at 5:10 pm. The next series of meetings will be held in Houston, Texas over November 9-11 as noted above.

*NOTE: The Board reconvened for a working dinner meeting on Thursday, August 17, 2006. The Call to Order occurred at 6:20 pm. The Society VPs gave the following updated reports.*

## STANDARDS SERVICES

Don Heirman noted that there were eleven standards meetings held during the symposium, including a Special Broadband Powerline Access meeting. Following is a status report of the various standards: EM site survey (Std. 473) - New chair sought, 80% or so completed; RF absorber evaluation (Std. 1128) - reaffirmation done; VDT emissions (Std. 1140) - reaffirmation done; Gasket character. (Std. 1302) - September ballot; Probe calibration (Std. 1309 amd) - 2007 report due; RF filter performance (P1560) - current; Computational EM (P1597.1) - ballot by October; Intentional EMI to computers (1642) - December ballot; Software Defined Radio Conform. (P1900.2) - Awaiting invitation to ballot; Line replaceable module (P1688) - readying first draft; TV emission measurements (Std. 187) - needs reaffirmation or revision; Shielding effectiveness (Std. 299.1) - started; Impulse bandwidth (Std. 376) - out of date; ISM measurements (Std. 139) - reaffirmation completed. Other topics discussed included broadband power line (BPL) communications (1775) and sponsorship of radio coexistence/interference (P1900). The SETCom set their goals, including: 1. Prepare and conduct seminars for Working Groups on the development, coordination, balloting, and support of IEEE EMC standards, and 2. Enhance the awareness of IEEE EMC standards throughout the EMC community and demonstrate how these standards can be effectively applied to the development, production, and use of equipment and systems. The SACCom held a luncheon with RAC. Reports were presented and Dave Guzman, Vice-Chair, was introduced to "soon take over as chair." The next Standards Committee meetings will be held on November 9, before the Board meeting in Houston, Texas.

## MEMBERSHIP SERVICES

The Board approved the purchase of 5,000 50th anniversary pins at a cost not to exceed \$4,640.00. Elya Joffe reported a new chapter was in formation in Salt Lake City thanks to the efforts of Randy Jost. The Board approved Mr. Joffe's suggestions to update the "Angel Funds" Financial Policy as well as increasing the amount per Chapter to \$600 USD per year. The Board approved Francesca Maradei's suggestion to approve the activation of the chapter database construction service agreement. The Board approved Heyno Garbe's suggested new charter for the fellow nomination support committee as outlined in the Membership Services report. The Board approved the new IEEE EMCS membership application form updated by Mr. Joffe. Kimball Williams, Chair of the Nominations and Bylaws Committee, next advised that there are nine candidates for the Board election for the term 2007-2009, including Bob Goldblum, David Hockanson, Todd Hubing, Irina Kasperovich, John LaSalle, Robert Scully, David Staggs, Donald



*The Board's formal activity concluded on Thursday night of the symposium week with a working dinner at the Hilton Hotel in Portland.*

Sweeney, and Takeo Yoshino. Mr. Joffe then discussed the Distinguished Lecturer Program and suggested changes to policy related to this program. The Board approved these policy changes.

## TECHNICAL SERVICES

John Norgard presented the new officer list for the ESAC. The new chair is Bob Nelson, Vice-Chair is Randy Jost, and Secretary is Larry Cohen. Regarding the Education and Student Activities Committee (ESAC), Randy Jost presented the org chart for the ESAC organization. Tom Jerse is taking over the University Grant program. Jim Whalen and Aziz Inan will chair the Student Paper contest. Daryl Beetner will chair Tutorials. Mr. Jost reviewed the 2007 Teaching Workshop the ESAC is planning. Mr. Archambeault suggested giving an out of cycle University Grant Award this year and presenting it ceremoniously at EMC 2007. Mr. Norgard advised that there is a change in leadership on the TAC. The Board approved a new slate of TAC officers consisting of Bob Scully for Chair and Arto Chubukjian as Vice-Chair. The list showed TAC leadership in general and chairs for TC-2, TC-5, TC-9, and TC-11. Bill Strauss presented a list of conferences that have requested EMCS Technical Co-Sponsorship. He reviewed the list and made recommendations.

## CONFERENCE SERVICES

Barry Wallen introduced Symposium Chair Henry Benitez to speak about EMC 2006. Mr. Benitez recognized and thanked his outstanding committee who put on the symposium. Dan Arnold, Treasurer, presented the financial information. Initial projections indicate the budgeted financial surplus goals will be met. Mr. Wallen advised he has received a few requests for EMCS technical co-sponsorships. These were brought directly to the BOD due to these applications being deemed, by the TAC, not to comply with current TAC policies (submission 18 months prior to the event and completion of the required TAC paperwork). The Board approved being a technical co-sponsor for the 2007 International Waveform Diversity & Design Conference in Pisa, Italy, June 8, 2007, the ICONIC 2007



Conference on Near Field Characteristics & Imaging in St. Louis, June 27 – 29, 2007, and the 2007 DySPAN Conference in Dublin, April 18 – 20, 2007. The Board approved Mr. Wallen's proposal to approve the following policy statement regarding the distribution of alcoholic beverages at EMC Society sponsored symposia and conferences: The distribution of alcoholic beverages on the floor of the technical exhibition (Exhibits) is prohibited unless it is coupled with a Society sponsored event such as the evening reception and has received prior approval from the VP of Conference Services. Proposals must be received no later than 60 days prior to the event.

## NEW BUSINESS

Bob Hofmann advised that the Chicago EMC chapter would initiate a scholarship for students. He requested that anyone who might have information on granting scholarships contact him.

There being no further business, the meeting adjourned at 9:15 pm.

Submitted by:  
Janet O'Neil

Secretary, EMC Society Board of Directors

## New Members of the IEEE EMC Society Board of Directors Announced!

As you know, a ballot for the election of the six members to the IEEE Electromagnetic Compatibility Society Board of Directors was issued in July 2006. The returned ballots have been counted and the following candidates have been elected for a three-year term beginning January 1, 2007:

**Robert D. Goldblum**  
**Robert Scully**  
**Donald L. Sweeney**

**Todd H. Hubing**  
**David M. Staggs**  
**Takeo Yoshino**

Brief biographies of these candidates will be featured in the next issue of the EMC Society Newsletter.

Congratulations to the newly elected candidates and thank you to all the candidates for their willingness to serve and for permitting their names to be included on the ballot.

## Presidents of the EMC Society



*The current and past presidents of the EMC Society gathered in Portland following the Awards Luncheon, including (seated from left) Dr. Ralph Showers (retired), Don Heirman of Don HEIRMAN Consultants, Len Carlson (retired), Don Clark of the Georgia Tech Research Institute, and Bob Hofmann of Hofmann EMC Engineering; (standing from left) Bill Gjertson of Boeing, Dan Hoolihan of Hoolihan EMC Consulting, Joe Butler of Chomerics, Todd Hubing of Clemson University, Kimball Williams of Denso International America, and Andy Drozd of ANDRO Computational Solutions.*