

**Minutes of the Control Systems Society Board of Governors Meeting
2003 December 8, Maui, Hawaii U.S.A.**

Call to Order and Approval of Agenda

C. Schrader, President and Chair, called the regular meeting of the IEEE Control Systems Society (CSS) Board of Governors (BoG) to order at 1:00 P.M. on Monday, 2003 December 8 at the Hyatt Hotel in Maui, Hawaii. She then asked the attendees to introduce themselves. The following members of the BoG were in attendance: J. D. Birdwell, M. Bodson, L. Bushnell, D. Castanon, T. Djaferis, J. Farrell, S. Hara, K. Kozlowski, M. Krstic, W. Lin, I. Mareels, R. Middleton, P. Misra, L. Pao, A. Perdon, C. Schrader, R. Tempo, M. E. Valcher, P. Van den Hof, A. Varga and Y. Yamamoto. Visitors present included E. Camacho, M. Shor, P. Antsaklis, A. Tits, M. Gevers, M. Spong, L. Glielmo, S. Ge, S. Yurkovich, A. Bicchi, X. Cao, J. Bay, M. Polycarpou and H. McClamroch.

The Secretary-Administrator, L. Bushnell, noted modifications to the agenda, which was approved by unanimous consent. Next, the minutes of the BoG meeting of 2003 June 3 were approved by unanimous consent.

Action Items

Schrader announced that we would be following Robert's Rules of Order and noted that all motions out of the Executive Committee will not need seconds. Using a color-coded roster for 2004 appointments, Birdwell proceeded to present the new appointments. The BoG unanimously approved all of the appointments for 2004 with little discussion. In addition to the continuing chairs, the appointments approved for 2004 are as follows:

- Nominating Committee: Cheryl Schrader, Chair, J. Douglas Birdwell, Mark Spong, W. Jack Rugh and Roberto Tempo.
- CEB Chair: Thomas Parisini.
- Chair, Conference Publication Committee: Doug Lawrence.
- *Transactions on Automatic Control* AEs: Michael A. Demetriou, Sophie Tarbouriech and Edwin Yaz.
- *Transactions on Control Systems Technology* AEs: Michel de Mathelin, Reza Moheimani, Domenico Prattichizzo, Rajesh Rajamani and Daniel Rivera.
- *Control Systems Magazine* AEs: Daniel Rivera, Jan Swevers, Randy Beard and Pablo Iglesias.
- Special Associate Editors for the *Control Systems Magazine*: Kent Lundberg as Associate Editor for History and Hashem Ashrafiun as Associate Editor for Education.
- Chair, Technical Committee on Networks and Communication Systems: R. Srikant.
- Liaisons: Ümit Özgüner for IEEE ITS Council, John Baillieul for IEEE Press, IEEE Transactions on Image

Processing, PAMI Editorial Board, IEEE/ACM Transactions on Computational Biology and Bioinformatics, Dennis Bernstein for IEEE TAB Magazines Committee and Christos Cassandras for IEEE TAB Transactions Committee.

- CEB AEs: David Angeli, Marco Baglietto, Michael Basin, Claudio De Persis, Kenji Fujimoto, Kagan Gokbayrak, Cevat Gokcek, Yoshikazu Hayakawa, Lorenzo Marconi, Murti Salapaka, Zhendong Sun, Saligrama Venkatesh and Xuping Xu.

Schrader thanked Birdwell and asked the BoG to start thinking of nominations for the future. Mark Spong will be handling the 2005 appointments.

2005 Budget

Castanon presented the 2005 budget parameters, which the BoG approved unanimously. The Executive Committee has been discussing the 2005 budget for one year. Last year, we raised fees for the 2004 budget. For 2005, we will leave the fees as they are. For 2005, we will try to have IEEE allow our members to have access to our conferences in Xplore. The cost is about \$10k for this option. We could charge members \$5 to \$10. Castanon said he would do the financial analysis on this data. Varga asked for a clarification. Was this to be similar to the journal access? Castanon said there would be an option to subscribe for conference access on Xplore. Schrader added that AACC had agreed in June 2003 to be included in the package. Birdwell said that once approved, members can subscribe mid year. Castanon said that this could be advertised in the E-letter. Yamamoto said that universities provide Xplore access, so people will not want to join the CSS. Castanon stressed that we are looking at ways to provide more for our members. The university packages have different subscription levels. Birdwell said that the IEL top package contains all smaller conferences. Some packages only contain conferences for the past five years. Our option would give access to all CSS conferences. Varga asked about having DVDs for conference proceedings. Schrader said we have had the DVD experience already and it was not so good. Birdwell said that there was a discussion of DVD sales and reimbursement to societies for scanning papers and submitting content to Xplore at the last IEEE TAB Forum, and that many societies had problems selling DVDs and recovering costs because all of the material was incorporated into Xplore. Schrader said that at the June 2003 BoG, we discussed the value of a CSS membership. Access to conference proceedings was one idea. We are being reimbursed as a society by the number of hits on our papers on Xplore. The formula depends on how you log on to use Xplore. The non-member hits and university/company hits are counted. Direct member access is not counted. Full paper

downloads are counted. Conferences get about 10% of the hits on Xplore. Yamamoto was surprised that many Japanese students do not know about the DVD. Can we advertise on the E-letter? Spong said that we have about 1000 DVDs left and they are a deal at \$39 for members and \$699 for non-members.

Disadvantaged Country Travel Program

Djaferis reported that 65 people attended conferences under the Disadvantaged Country Travel Program at a cost of \$55k over the last three years. There have been many difficulties in implementing the program. There is no exchange of funds, however, problems occur when the General Chair of the conference or the Vice-President of MAB has to secure the first night of the hotel with their credit card for those people who do not have a credit card or who have different names on their credit cards. Other problems occur with getting VISAs, calling embassies, etc. Farrell said the problems also fall on the VP Finance. Misra said it was a good idea to re-evaluate the program vs. the amount of effort to implement it. Conference organizers are working two jobs. This is a lot of extra work. Is it worth it? Is there a better way to use the money? Djaferis said that at the BoG last year, there were strong opinions that this program is a good idea. The BoG should know the pros and cons. Middleton will have to look at this next year when he is VP Conference Activities. The main goal is to bring more people to the conferences. Misra said that the goal is to reach out, but that paying a registration fee is not necessarily reaching out. Middleton asked us to consider the Program Chairs, too. It may be a rare opportunity to come to a conference. Birdwell pointed out that this program only benefits a small fraction of our members. Hara supported continuing the program and asked for a friendly amendment to the motion to include the CCA/ISIC/CACSD'04 in Taiwan in the program. Schrader accepted the amendment. Spong said we should discuss if \$25k could be better spent in other ways and how to remove the burden of implementation from the General Chairs. Misra suggested letting the General Chairs use a CSS credit card instead of their own personal card. The BoG agreed to continue the program for 2004.

Conference Activities Motions

Tempo next presented the motions under Conference Activities. The first motion was to approve the budget for the CCS/ISIC/CACSD 2004. Hara briefly explained the budget. The budget was approved by the BoG. Next, Tempo presented nominees for various conference appointments. All were approved by the BoG. The new appointments are as follows:

- General Chair, CCA/CACSD 2006: Andras Varga.
- Program Chair, CCA 2006: Martin Buss.
- Program Chair, CACSD 2006: Christian Schmid.
- General Chair, CDC 2007: David A. Castanon.
- Program Chair, CDC 2007: James C. Spall.

The next three motions under Conference Activities drew much excited discussion. Before starting, Schrader limited the discussion on each motion to 20 minutes. She mentioned that all of the topics have been discussed in many venues over the past years. She allowed motions to extend the discussion.

Advanced Registration Fee

Tempo presented the motion to approve the following change for advance registration, starting with all IEEE CSS-sponsored conferences that have not yet published fee information: One non-discounted registration fee (IEEE Member or Non-Member fee) must be paid by one of the authors before uploading the final paper for inclusion in the conference proceedings. There was an ad hoc committee under CAB that looked at this issue. Before questions could be answered, Schrader asked the BoG to look at the clarifications and rationale. Clarifications: (1) One registration can be used for multiple final paper submission, and (2) No refunds. Rationale: (1) Our current policy regarding conferences implies that at least one author will register for the conference and present the paper. (2) There is no departure from this policy in the suggested changes. The only goal is to ensure a strong and equitable foundation for conference finances during uncertain times (not to increase revenue). (3) The new policy makes two changes: (a) to upload the final manuscript appropriate conference registration must have been paid by at least one author by final submission deadline. This fee is non-refundable. (b) Papers listed in the advance program for which no author is registered by final submission deadline will not be included in the conference proceedings.

Schrader mentioned that the IEEE has suggested best practices for conferences that were more stringent. There are many issues to consider, from people coming to conferences to present papers without registering to postponement of conferences due to SARS (easier to reschedule if you have pre-paid fees).

Valcher asked what would happen to papers written only by student authors. Birdwell said this was discussed at length in the two Executive Committee meetings this week. It was not feasible to have a separate student registration fee. The students still have advisors. One author will have to pay the full registration fee. The student registration fee is a permit to attend conferences, but not to publish. Djaferis said that if there is a single student author, he or she can publish the paper for the full registration fee, or can choose to only attend the conference for the reduced fee. Valcher also was concerned that having the deadline in August is a disadvantage to members in Italy, who are on vacation that month. Most wait until mid September to pay the fee. Schrader said there was no problem paying early. Misra said that once an author is notified of paper acceptance, he or she could register. PaperPlaza will be speeding things up.

Bodson asked if the fees are non-refundable, are they transferable? Schrader said they would be transferable, just like they are now. Substitute attendees can pick up an author's registration package and get a new ID tag. Middleton said there was no official transfer policy. No ID is required. Perdon said that the proposed policy is being used already by other conferences and some limit the number of papers per author. Schrader said that the IEEE best practices policy suggests limiting to four papers per author. We are not addressing the multiple paper issue with this motion. Birdwell said there is an informal paper limit procedure handled in the Program Committee meetings. Yamamoto asked if the transfer would be official. Would there be a problem with reimbursement? Misra said that we could refund and recharge a new card. Varga said that the new policy should bring in more money. Castanon, speaking from experience, said that this would save members money by reminding them to register early. Schrader emphasized that this new policy was not made to increase revenue. Valcher asked why wait to 2006. Schrader said we have to wait to start with conferences that have not published fee information. Misra said this would be the 2005 CCA. Hara said that there was no announcement yet for the 2004 CCA/ISIC/CACSD. Misra said we will need to use the CSS registration system with the new policy, so it could not be applied to this conference. Djaferis said this policy would give a better budget estimate sooner for CCA'06. Camacho asked how this would be applied for CDC-ECC'05. Yurkovich asked to allow flexibility. The intent is to follow the motion, but it may require exceptions if needed. The discussion satisfied the BoG, which unanimously approved the motion.

Reduced Rate Registration

Tempo presented the next motion: to follow the IEEE guidelines for Reduced Rate conference registration fees, starting with all IEEE CSS-sponsored conferences that have not yet published fee information: IEEE Guidelines: The Reduced Rate fee is one half of the IEEE Member fee.

Farrell said that the reduced rates now are about one-third of the full conference registration rate. Van den Hof said that this would raise the student registration fees. Schrader said that when we first set fees, students did not receive the hard copy proceedings. Now, they receive the CDROM. There is more benefit now. The current registration fees do not cover the expenses. Tits worried that this would reduce attendance. Misra said that the price for attending a conference would go up, but not by much. The high cost is in the hotel and travel expenses. Djaferis said these were justifiable guidelines from the IEEE. Shor mentioned that the reduced rate is not just for students. Schrader said this was a simple formula to be used by all IEEE conferences. All of the BoG, except Van den Hof, approved the motion.

Joint Conferences with CCA

Tempo presented the last motion under Conference Activities, which was modified before passing. The first phrasing of the motion drew a lot of discussion. The motion initially required the CCA and ISIC to be held jointly with the CCA starting in 2006.

Birdwell discussed the intent of the motion, which was to have a defined strategy that provides a growth path for conference /workshop/ symposium concepts that originate within the Technical Committees: Stage 1: Tracks in established conferences, Stage 2: Small workshops/symposia, Stage 3: For topical areas related to applications, creation of an annual or semi-annual conference to be held in conjunction with CCA. The CCA would become a *hub*, with many satellites corresponding to these application area-specific conferences. The identities of these area-specific conferences will be preserved (separate Chairs and Program Committees, shared Operating Committees). There would also be a possibility of changing the name of the CCA. He opened the floor for discussion.

Polycarpou, the Chair of the Technical Committee (TC) on Intelligent Control, spoke first. He understood the concept of the motion, but was concerned for the ISIC conference, which has an established record. It is a major activity to organize an ISIC conference. Parisini was the Chair of this TC for the past five years. Polycarpou said he found out about this issue one month ago. This is the first time he was hearing the reasons. The success of a conference depends on the organizers. The other members in the TC do not know about this issue yet. There is no reason to rush into things. Polycarpou asked the BoG to wait until the TC had time to discuss the issue. The organizers of ISIC should have a say.

Kozlowski was in favor of having a way to have new workshops at conferences. Birdwell said this would be "stage 2." The Executive Committee and the BoG have been discussing this issue for 3-4 years. It has been discussed with the TC Intelligent Control. The problems are that ISIC fluctuates in its revenue from year to year. There are problems with keeping ISIC as a stand-alone conference. Parisini said there was no need to rush. The 2004 and 2005 ISICs are already set up. He asked to table the motion so that the TC can discuss it. Antsaklis liked the cluster concept. Some TCs fit in better with this structure, especially if they are application-oriented. ISIC is not application-oriented. This may not help the original goal. Middleton said that if we used the word "technologies" instead of "applications," then everything would fit together better. Farrell said that this motion would take away the TC's role of deciding on having a joint conference or not.

Castanon, considering the financial perspective, said that in grouping the CCA, ISIC and CACSD, we would be eliminating uncertainties. We want to have a third major

conference along with the CDC and ACC. Having the CCA, ISIC and CACSD separately is risky. Spong said that with a shared Organizing Committee, the conference would be viable. There would still be separate Program Chairs and Committees to retain the separate focuses. The conferences would also be giving up individual choice of venues. This means that they would not be able to join up with the Mediterranean Control Conference anymore. Schrader said that, on the contrary, the new policy would not preclude working with SIAM or MED.

Farrell asked for data to support the motion. Castanon said that the last two audited ISIC conferences (independently held) lost money. Farrell said that ISIC has been around since the 1970s. Polycarpou said ISIC'03 had a surplus of \$5k. Van den Hof asked if the underlying motivation for the motion was financial. Castanon affirmed that. Van den Hof asked if the joint conference would survive competition with the ACC.

After a short break, the BoG came back for more discussion on this issue. Parisini, former Chair of the TC Intelligent Control, was firmly against the motion. The motion is going in the direction opposed to what the committee wants. This is what IFAC does – one large conference and many smaller, focused workshops. Parisini did not like ISIC being a satellite of the CCA. He asked the BoG to leave the door open with some flexibility. He proposed that when you see financial problems, strongly encourage ISIC to be held with CCA. He acknowledged that there have been financial problems with the ISIC. It depends on the organizers. Kozlowski said that this is a delicate matter. We are looking to establish an umbrella for a third major conference. There are many financial and technical issues. He pleaded not to kill the creativity of society members. Farrell added that we would be making a rule where rational judgment would do fine. He said that the intent of the motion is fine. Mareels seconded this statement.

Birdwell was strongly for the motion. ISIC has run a deficit for two years. Plus there are issues with the attendance. The proposal for ISIC'06 in Key West was turned down. Birdwell said that it is unlikely that an independent ISIC'06 will be approved by the Executive Committee at this point. This is a recurring problem with smaller conferences. The motion is attempting to address the problems. He concluded that CSS can no longer take such financial risks.

Varga said he supported the motion. He asked to make an amendment to not make the policy obligatory from the beginning (remove the “starting in 2006” statement). For example, this would then make it ok to join up with the MED conference. Farrell seconded this amendment. The BoG was then asked to discuss the amended motion. Middleton said this was fine. The encouragement is already happening. Birdwell was against the amendment. Smaller conferences coming in and out of the cluster will be bounced out of

Xplore. The BoG passed the amendment. The final version of the motion was: to modify the CCA concept to encourage its growth into a cluster of smaller conferences coupled with the CCA. The BoG approved this motion.

Activity Reports

CDC'03 Report

Before starting with the reports on the agenda, Schrader asked Frank Lewis, General Chair for CDC'03 to make a few comments. Lewis welcomed everyone to Maui and gave some highlights. So far, there were 927 registrants [*Ed.* Final total was 1087]. There were only 910 in the budget, which projected a \$100k profit. Industry sponsors gave \$33k, which was a first for the CDCs. EUCA and SICE formally sponsored the conference. There would be three plenary talks, three panels and two keynote addresses. PaperPlaza has made the process simpler.

Report of the President

Schrader first mentioned the activities planned for the CSS's 50th anniversary in 2004. A new logo was made [*Ed.* Stickers with the anniversary logo were passed out before the Bode Lecture], new CSM articles are planned and History Committee events are planned. She passed around a brochure from another IEEE society, which recently celebrated its anniversary.

CSS had become a new technical co-sponsor of the new *IEEE/ACM Transactions on Computational Biology and Bioinformatics*. A letter of agreement has been signed. We are guaranteed one AE on the journal. She asked for suggestions for nominees.

Commenting on the financial situation of the IEEE, Schrader said that there was a spirit of optimism at the IEEE Board meetings in November. A lot has been learned at the society and IEEE levels. Finances are trimmed and the operation is more efficient. The IEEE saved \$3M in 2003 in their infrastructure cost. This is the first time in six years that the IEEE had a net positive return on investments.

Schrader thanked everyone for their hard work and gave some highlights to be proud of. We will receive a token amount of money for our legacy data (DVD) from the IEEE (about \$10k for the next two years). We have four new chapters (Minnesota, Russia, Montreal, Romania). IEEE TAB will provide free pdf conversion utilities to help ensure paper compliance with IEEE pdf standards.

The distribution for Intellectual Property is changing starting in 2006. Our revenue will increase with the number of hits on Xplore. As president, she attended the SICE'03 and ECC'03. She thanked the Executive Committee – “they worked hard, are generous and gifted,” she said.

Report of the Awards Committee

Antsaklis, Chair of the CSS Awards Committee, invited everyone to attend the awards ceremony on Thursday. He thanked the chairs of the awards subcommittees and asked for nominations for next year's awards.

Report of the President-Elect

Birdwell mentioned the list of BoG appointed members for 2004. He also said that the Long Range Plan for CSS was in its final form.

Report of the Vice President, Financial Activities

Castanon gave his report to the BoG, showing highlights of the 2003 and 2004 budgets. Nearing the end of the 2003 fiscal year, the CSS has reversed the trend of growing annual deficits, and returned to a stable financial outlook for the near future. Our projected budgets are based on conservative assumptions that reflect recent trends in membership and journal subscriptions, and our fee structure is less sensitive to variations in market demand for our publications. The CSS reserves are about \$1.5M at this point.

Report of the Vice President, Publication Activities

Isidori could not attend the meeting, Baillieul, who would be VP Publications in 2004, was snowbound in Boston along with Cassandras, Editor-in-Chief of the *Transactions on Automatic Control*. Andre L. Tits, *Editor, Technical Notes and Correspondence* agreed to give highlights of the *Transactions* report. He presented a table with the submission volume over the past six years. The backlog is currently 4-5 months, which is the minimum possible. He discussed special issues that have appeared and will appear. Bodson, Editor-in-Chief of the *Transactions on Control Systems Technology*, gave highlights from his report. The editorial board is growing, but has less than 40% from industry. Bodson said that the goal is to reach 50% from outside academia. The AE job is not rewarded in industry. The new 2004 Editor-in-Chief, Frank Doyle, visited Bodson in Utah, to discuss the transition.

Report of the Vice President, Member Activities

Djaferis gave highlights from his report. The 2003 Outstanding Chapter competition was carried out and the Greece Chapter is the winner. Three new IEEE CSS Chapters have been formed. The BOG Senior Member Initiative was administered. A web site was made available to assist in the process. Forty-eight individuals were chosen by BOG and ExCom members to be nominated. Up until October there were 12 nominations approved. Report on the Disadvantaged Counties Travel Support Program. The results of two recent society surveys are on the BoG web site.

Report of the Vice President, Technical Activities

Krstic gave highlights from his report. The TAB has had several new TC chairs start in 2003: Stephen Weibel (Aerospace Controls), Ian Hiskens (Energy Conversion Systems), Richard Bratz (Industrial Process Control), Marios

Polycarpou (Intelligent Control), Geir Dullerud (Robust Control), and Michael Demetriou (Distributed Parameter Systems). The TAB currently has 16 Technical Committees. Several of the TC chairs have reported on the committees' activities in the last six months.

Report of the Vice President, Conference Activities

Tempo said that there were 14 technically co-sponsored, high quality events approved in 2003. The new conference submission system PaperPlaza, developed by Huibert Kwakernaak and Pradeep Misra, is now fully operational. It has been successfully used for the CDC 2003. Tempo asked present General Chairs to report on their upcoming conferences. Hara, General Chair for the CCA'04 said that they would use PaperPlaza. There will be eight tracks over three days, hosting about 400 papers. Since Cassandras (General Chair, CDC'04) was not present, Tempo mentioned that their web site is up and a Call for Papers was included in the registration packets. Tempo, who is also the Program Chair for the CDC-ECC'05, reported that the venue for this conference has been chosen – a 4-star hotel in Seville. PaperPlaza will be used. There is a new Program Committee structure.

Tempo then asked Misra to discuss the cost of attending conferences at hotels vs. conference centers. Mareels also wanted to know why we are choosing resort locations. Misra, who is the General Chair for the CDC'06, said that this would be the CDC where we go back to the 3-day format, and that this restricts us to sites that can handle 18-19 sessions per day. Misra gave the following analysis: We also need lots of meeting room space for all of the committee meetings that go on in addition to the technical sessions. A convention center can hold about 15,000 people. We do not spend enough money, so the convention centers are not interested. A convention center would not throw in the meeting room space for free; it would cost an extra \$60k to \$100k, which would then directly impact the registration fee. Resorts have space and provide a captive audience. We can still find sites in 5-6 places (San Francisco, San Diego, Seattle, Texas, Phoenix). It was a coincidence that we are having two back-to-back resort locations. Misra presented a spreadsheet showing that convention centers would increase the registration fee by 25%. Misra stated that, in his opinion, the CSS conferences are not the correct type of conference for convention centers.

Spong said, from a member's perspective, the issue is the total cost of the trip. Misra said we could bargain with the hotels. Students can get half price; we can block rooms. Mareels mentioned the high cost of airfare to Hawaii and The Bahamas, and stated that it is too expensive. Birdwell said that in the 1998 CDC (he was General Chair) model that was used to evaluate bids, the Food & Beverage cost at the conference center was lower. Spong said that it was bad for conferences if the attendees do not stay at the hotel. Misra said we also have to consider the social events. Gevers said the issue is an isolated hotel vs. a downtown location. There

is cheaper food downtown. This is very important. Djaferis said that we need to integrate. We have had 42 CDCs spread out over various locations. Let the General Chairs have the freedom to choose the location. The convention center model would make everyone be responsible for finding a hotel. Schrader said it makes sense to look at the pros and cons of a convention center model. Misra also mentioned that for the CDC'06, they are considering offering a CDROM with all of the presentations. Van den Hof said that San Antonio, Texas was the ideal, top location.

Pao, Program Chair for the ACC'04, said that there will be 19 parallel sessions in Boston.

Tempo closed the Conference Activities Report by saying it has been a pleasure to be the VP for the past two years.

Report of the Secretary-Administrator

Bushnell noted that the next BoG meeting will be held on Monday, 28 June 2004, at 1:00 P.M. in Boston, MA at the 2004 ACC.

New Business

Embargoed Countries Issue

Schrader introduced this issue, which is of great concern to CSS and to the IEEE. She presented slides from the November 2003 IEEE TAB meeting, where new OFAC (US Office of Foreign Assets Control) policies were discussed. The issue of immediate concern to CSS involves a policy on restrictions on copy editing of manuscripts. The OFAC regulations state that only "editing" requires OFAC license. This is defined as "actual copy revision, including grammar, syntax, and style; reference checking, etc." Essentially, this means that IEEE editors are able to review manuscripts and provide the reviews back to the authors, but cannot suggest or make changes to the manuscripts. IEEE has since filed for the editing license. IEEE is taking a leading role to help other scholarly publishers understand its experience with OFAC regulations at a special summit of scientific, technical and medical publishing organizations that will be held on 9 February in Washington, D. C. IEEE also hopes this event will help determine if there is a natural coalition of such organizations that could collectively address with the U.S. government the impact of the restrictions on the scientific community in the United States and abroad. Note that official IEEE documents on the embargoed countries issue can be found at <http://www.ieee.org/ofac>.

Gevers said that one of the worst results of this new regulation is that people from embargoed countries cannot get reduced conference registration rates even if they are members. Birdwell said this issue was not discussed at the IEEE TAB. Schrader said that IEEE is not aware of any conference that is not following the guidelines. She asked for questions from the audience.

Spong asked for the rationale for restrictions on the editors. Schrader said there is a long letter making the distinction. Many lawyers examined this and decided that actually editing manuscripts was different. Gevers stated that, among other sanctions, embargoed country members could no longer become Senior Members or Fellows. Tempo said that there used to be a CSS Committee on Human Rights. Schrader said this committee was dissolved due to inactivity and an unclear role. Gevers said that he had proposed closing this committee when he was VP MAB because it had only been active during the Soviet era when scientists felt threatened by their own government, and this was no longer the case at the time. He stated that today some members appear to feel threatened by their own government, but he perceived this as unfounded paranoia. Gevers stated that IEEE is not at the forefront because there are other organizations that have ignored the OFAC regulation. Gevers felt it was best to ignore the US regulations. Birdwell said that IEEE is a test case for OFAC. Gevers suggested that if OFAC imposes restrictions, IEEE should move its headquarters to another country. Birdwell said that Elsevier has the same problems because they have a New York City presence. Djaferis said that if IEEE were based in Canada, say, it may run into different problems. Djaferis said that he was encouraged by the news. Gevers said that going in small steps country-by-country is unacceptable. He stated that the OFAC rule is pure discrimination on the basis of nationality.

Middleton said the OFAC rule is offensive to lots of people, it hurts scientific research and that the IEEE would lose all of its money and IP if it moved to another country. He suggested that the CSS draft a statement that the IEEE could use that protests this ruling. Van den Hof asked how the CSS was bound to this regulation? Schrader said that the CSS has to follow the IEEE policy. If not, IEEE will have stiff fines. Gevers felt that OFAC would not pursue legal action if IEEE just threatened to move its headquarters to another country.

Mareels said that we need to ignore countries – members are members. Middleton said that OFAC raised issues of access to Xplore. Schrader stated that IEEE was working on this already and making software adjustments for access. Van den Hof asked what the *Transactions* would do if it received a paper from Cuba, say. Baillieul (who just arrived for this discussion) said that the Editors are independent minded and that there are so few test cases. In his 13 years as an Editor, he had 1-2 papers from Cuba and one from Iran. Van den Hof said there is freedom, then, in interpretation. Baillieul said the IEEE lawyers met with OFAC to interpret the laws in the context of publishing papers. He said that we can receive papers, but there are restrictions on the services to authors. He said that editors can suggest final editorial changes for authors from embargoed countries but not make them. Schrader said that this was a healthy discussion to have on an extremely important issue.

Krasovski Video

Nikolai Nicolaevich Krasovski, Principal Researcher and Professor at the Technical University of Ural, Russia, received the IEEE Control Systems Technical Field Award for “pioneering contributions to the theories of stability, control, and differential games.” The award was presented in Yekatherinburg, Russia in July 2003 by Alexander B. Kurzhanski. A videotaped acceptance speech was played at the BoG meeting.

Adjournment

Schrader thanked the members of the Board of Governors and visitors for attending the meeting. Certificates were given out to all BoG members who were finishing their term. Baillieul thanked Schrader for her hard work this year. On the motion of Schrader, the meeting was adjourned at 6:40 PM.

L. G. Bushnell, IEEE CSS Secretary-Administrator, February 5, 2004.