



**IEEE Systems Council AdCom Meeting Minutes**  
**Friday, April 12, 2019**  
**Hyatt Regency Grand Cypress | Orlando, FL, USA**

**Voting Attendees:** Stephanie White, Bob Rassa, Steve Dyer, Vincenzo Piuri, Steve Holt, Marco Parvis, Thomas Lanzisero, Bob Lyons, Andy Chen, Rodney Roberts, Armando Walter-Colombo, John Schmalzel, Ernie Parker

**Non-Voting Attendees:** Paolo Carbone, James Ritchie, Jeff Rubin, Edward Addy, Brooke Johnson

Stephanie White called the meeting to order at 8:02 am.

Self-introductions were made by the AdCom members. Stephanie introduced our new member society, IES.

**MOTION:** Vincenzo Piuri moved to approve the Spring 2019 agenda as written. Bob Rassa seconded. Motion passed. M-0167

**MOTION:** Vincenzo Piuri moved to approve the Fall 2018 Systems Council AdCom minutes as written. Ernie Parker seconded. Motion passed. M-0168

**President's Report** – White  
*State of the Systems Council*

The Council's activities were overviewed.

INCOSE has partnered with the Systems Council and is a co-sponsor of SysCon and SSS 2020.

Stephanie gave a status update on the suggestions for collaboration made during the February 12<sup>th</sup> AdCom telecon. A suggestion was made to form joint TCs with those in other Societies. The Systems Council TC on Cyber-Physical Systems (CPS) is working with the IES TC on Industrial CPS. The SysC TC on CPS is also focusing on the road-mapping initiative titled Cyber-Physical Systems of Systems Engineering. The Chair of the I&M Technical Committee on Dependable Measurement has offered to work with others to start a new SysC TC on Dependable Systems. A suggestion was also made to communicate with the IEEE Computer Society's Special Technical Committee (STC) on Systems Engineering. Stephanie communicated with Dick Fairley who had been Chair of the CS STC. The Computer Society has set up a new web page for this STC with Rich Hilliard as Chair and Andy Chen as Co-Chair. Communication should continue.

During the February telecon, suggestions were made concerning student recognition. To promote the value of implementing a recognition program for student design projects at various universities, Walt Downing wrote a white paper, to be discussed later in the meeting. A suggestion was also made to hold Student Design Contests at Systems Council conferences. While a student competition at the 2020 Symposium on Systems Security was proposed, no decision has been made on a path forward. Student funding for conference attendance is also still on the table.

**ACTION ITEM:** Brooke Johnson, Stephanie White – Create a summary report on our Systems Council activities to share with our member society representatives by May 15, 2019. AI-0367

Stephanie reviewed Dinesh Verma's Systems Engineering Research Roadmap. This roadmap is thought to be a good opportunity for the Council to explore and develop.

The Open Access and Plan S strategies were overviewed. Systems Council has chosen the 'Wait and See' option. Discussion was held on the new methodology to change the distribution of IEEE infrastructure costs across all lines of operation being implemented by IEEE.

**Finance Report** – Holt/Rubin/Rassa

Steve Holt reviewed the expected upcoming budgetary actions and target dates for the Council.

*Budget/Reserves*

The financial results from 2015-2018 were overviewed by Bob Rassa. Our surplus from 2018 is \$132.7k. The publications distribution reduction was overviewed.

Systems Council will lose approximately \$80k in ASPP revenue when the new algorithm is fully in place in 2023. It is recommended to increase the page budget for ISJ to 4,500 in 2019 and 4,500 in 2020 to reduce the backlog of accepted papers.

**ACTION ITEM:** All – Set up an account and submit your meeting expense reports using Concur. AI-0368

**ACTION ITEM:** Jeff Rubin – Send the Concur instructions and expense report guidelines to the AdCom members by April 15th. AI-0369

It was suggested to investigate the potential to fund student travel awards for our conferences.

#### **Chapters Update – Parvis**

Macro Parvis overviewed the 15 Systems Council Chapters. The South Africa and Madras Chapters are without a Chair. We currently have reasonable world coverage, with several chapters in North America.

There is a clear correlation between the average conference attendance and Systems Council chapters, although Germany and Brazil have remarkable attendance without the presence of a Systems Council Chapter.

Alfredo Garro has proposed to sign an agreement between AISE/INCOSE chapter "Italia" and the Italy Section of the System Council (Antonio Moschitta) to create a definition of a syllabus for systems engineers based on the Graduate Reference Curriculum for Systems Engineering (GRCSE®).

**ACTION ITEM:** Brooke Johnson, Marco Parvis – Contact the 2019 SysCon attendees from Germany to generate interest in starting a Systems Council Chapter in Germany. Brooke to ask Shelby for a listing of those SysCon attendees from Germany and send them information on how to create a chapter. AI-0370

#### **Publications/Journals – Dyer/Piuri**

ISJ has experienced a large increase in paper submissions over the past few years.

The current acceptance rate is approximately 30-33%.

Vincenzo Piuri reviewed the processing time and metrics of the Systems Journal.

Discussion was held on the backlog of the Systems Journal.

**MOTION:** Steve Dyer moves to increase the page budget for the IEEE Systems Journal in 2019 by 500 pages to a total of 4,500 pages. Bob Rassa seconded. Motion passed. M-0169

**MOTION:** Steve Dyer moves to increase the page budget for the IEEE Systems Journal in 2020 by 500 pages to a total of 4,500 pages. Bob Rassa seconded. Motion passed. M-0170

**MOTION:** Vincenzo Piuri moves to add up to \$10,000 into the 2020 budget for a Manuscript Assistant to support the Editor-in-Chief on the IEEE Systems Journal in 2020. Paolo Carbone seconded. Motion passed. M-0171

The AdCom supports publishing a special issue on the BRAIN in the IEEE Systems Journal.

#### **J-MASS Update – Schmalzel**

John Schmalzel overviewed the activities of J-MASS. 5 papers have been received and are under review.

Marketing for the new journal remains a top priority. We need to identify a point-of-contact for organizations within topic areas in our field of interest so we can send CFPs to these contacts to distribute. Several conferences and tradeshows are being considered as potential venues to promote J-MASS.

#### **Systems Journal EIC Approval (Executive Session)**

**MOTION:** Vincenzo Piuri moves to endorse the appointment of Amir G. Aghdam as the Editor-in-Chief of the IEEE Systems Journal for the term of 2020-2021. Bob Lyons seconded. Motion passed. M-0172

**ACTION ITEM:** Brooke – Change the title of Co-EiC of the ISJ on the Systems Council website to Senior Associate Editor. AI-0371

#### **Open Access**

Vincenzo reviewed the Plan S requirements and models. Open Access will affect our subscriptions regardless of our decision on accelerated OA. A possible solution for the Council is to open one journal with multiple Societies covering a broad scope. A consensus was reached that we should continue to pursue this possibility to determine its feasibility.

**ACTION ITEM:** Vincenzo Piuri, Stephanie White, Steve Dyer – Begin discussing the potential of creating a new Open Access Journal in partnership with other Societies/Councils at TAB in June 2019 to determine its feasibility. AI-0372

### **Technical Operations** – Downing/White

Stephanie presented an overview of the activities of our 10 Technical Committees on behalf of Walt Downing. The white paper for student project special recognition concept was overviewed. The student competition initiative was reviewed as well.

**ACTION ITEM:** Bob Lyons – Correspond with Walt Downing to investigate how Systems Council can implement student design competitions at Systems Council conferences. AI-0373

### **Nominations and Appointments** – Carbone

At the Fall 2019 AdCom meeting, we will need to fill the following positions: VP Publications, VP Finance, and Young Professionals Representative.

### **Gray Awards** – Rassa

Bob Rassa reported the 2019 James O. Gray Scholarship recipients:

- Undergraduate: S. Varun Kumar, St. Joseph's College of Engineering, India
- Graduate: Mayra Yucely Beb Caal, Nile University, Egypt

Nominations for the 2020 James O. Gray Scholarships will open in September and submission will end on March 1, 2020. Please encourage your member societies to promote these scholarships and submit applications for consideration.

Paolo Carbone stepped down as the N&A Chair for 2019, therefore, Bob Rassa, Previous Past-President, will become the Chair of Nominations & Appointments Committee in 2019.

### **Outstanding Service Award** – Hochberg/Holt

Steve Holt and Stephanie White presented the 2019 Outstanding Service Award to Paolo Carbone for outstanding service as President of the Council, visionary founder of the IEEE International Symposium on Systems Engineering, and ISSE Technical Program Chair since 2015.

### **Young Professional Report** – Ritchie

James Ritchie recapped the 2018 YP activities. The YP business plan projects include IEEE *Xplore* YP Access, microVolunteering, Loyalty program, signature and meet-up events.

18 individuals attended the YP panel event at SysCon 2019.

James reiterated the importance of YP involvement and engagement in Society and Council activities.

**ACTION ITEM:** Member Society Reps – Send James Ritchie the name and contact information for your YP representative. AI-0374

**ACTION ITEM:** James Ritchie – Generate a marketing brochure, or a similar form of collateral, which outlines the benefits and resources for soliciting YP for IEEE volunteer positions and to engage YP in IEEE activities. AI-0375

### **Bylaws Revisions** – Hochberg/White

Stephanie reviewed the proposed Systems Council Bylaw changes previously circulated to the AdCom in March.

**MOTION:** Bob Lyons moves to approve the Bylaws changes in Article III, Section 7 from “The AdCom shall elect the President-elect first from members who have served as Officers within the previous three years. If a candidate for President-elect cannot be identified from within these ranks, then candidates for President-elect may be chosen from current Society appointed members of the AdCom, followed by past members who have served as Society appointed representative within the previous three years.” to “The AdCom shall elect the President-Elect first from members who have served as Officers within the previous three years. If a candidate for President-Elect cannot be identified from within these ranks, then candidates for President-Elect may be chosen from current Society appointed members of the AdCom, followed by past members of the AdCom. If candidates cannot be identified from the above pool, they may be chosen from the general membership of member societies.” Marco Parvis seconded. Motion passed. M-0173

**MOTION:** Steve Dyer moves to approve the Bylaws changes to and Section 8 from “The AdCom shall next elect the Vice-President for Conferences, Vice-President for Technical Operations, Vice President for Member Services, Vice-President for Publications, and Vice President for Finances from current members or among past members who have served as Society appointed or ex-officio AdCom members within the previous five years.” to “The AdCom shall next elect the Vice-President for Conferences, Vice-President for Technical Operations, Vice President for Member Services, Vice-President for Publications, and Vice President for Finances from current members or among past members of the AdCom, including

ex-officio members. If candidates cannot be identified from the above pool, they may be chosen from the general membership of member societies.”. Paolo Carbone seconded. Motion passed. M-0174

**ACTION ITEM:** Brooke – Remove “and evaluators” from the second sentence in Article V, Section 11 of the Systems Council Bylaws and circulate this change to the AdCom prior to voting at the Fall 2019 AdCom meeting. AI-0376

#### **Conferences/Symposia – Rassa/Carbone**

Bob reported on the INCOSE collaboration with SysCon and SSS.

The 2018 and 2019 SysCon statistics were reviewed.

ISSE 2019 will be held on October 1-3, 2019 at the Principal Hotel in Edinburgh, Scotland.

The call for papers for SysCon 2020 has been published.

San Antonio, New Orleans, Monterrey, Phoenix, and Denver were suggested as future locations for SysCon.

**ACTION ITEM:** Armando Walter-Colombo – Work with Bob Rassa to solidify a proposal for the Asian SE Conference on systems engineering in China. AI-0377

Systems Council is a 75% financial sponsor of the Systems Security Symposium 2020.

We are planning a Conference on Miniaturization for Air and Space Systems (C-MASS) for late 2020. If your society would be interested in partnering on this conference, please contact Bob Rassa.

**ACTION ITEM:** Brooke Johnson, Shelby Lussier – Send the SysCon 2019 conference proceedings download link to the Systems Council AdCom. AI-0378

**ACTION ITEM:** Bob Rassa – Confirm with Vincenzo Piuri whether the technical co-sponsorship request for ICETE 2019 has been approved. AI-0379

**ACTION ITEM:** Steve Holt – Send the list of universities with systems engineering programs to Bob Rassa and Stephanie White. AI-0380

#### **Distinguished Lecturer Program – White**

Stephanie reviewed the DL activities from the previous 6 months.

#### **Member Society Reports**

Andy Chen reported on the Computer Society activities.

Bob Lyons reported on AESS.

Tom Lanzisero presented on PSES.

Rodney Roberts overviewed the SMC activities.

**ACTION ITEM:** Brooke – Update the SMCS primary rep on the Council roster and listserv for 2019 to Adrian Stoica. Ferial EI-Hawary is secondary SMCS rep for the 2019 term. AI-0381

Armando Walter-Colombo reported on IES.

Ernie Parker presented on PELS and the Empower a Billion Lives initiative.

John Schmalzel presented on IMS.

#### **Old Business, New Business**

White

Discussion was held on whether voting rights should be given to the Young Professional Reps on the AdCom/BoG.

It is recommended the Council considers giving voting rights to the YP Rep, Treasurer, and Secretary.

**ACTION ITEM:** Brooke Johnson, Rich Hochberg – Update the Council Constitution and Bylaws to give voting rights to the YP Rep, Treasurer and Secretary. Send these proposed changes to the AdCom by July 15th. AI-0382

#### **Wrap-up and Adjourn – White**

Our next AdCom meeting will be held on Friday, August 30<sup>th</sup> in National Harbor, MD, USA.

Meeting adjourned at 3:31 pm.