

Systems Council AdCom Meeting
April 8-9, 2010
Hyatt Regency Mission Bay
San Diego, CA

Attendees: Clyde Chittister, Bob Rassa, Bill Semancik, Paul Croll, Stephanie White, Ian Hiskens, Klaus Breuer, Paolo Carbone, Pedro Sanz, Vincenzo Piuri, Phillip Chen
Phone: Bob Lyons, Garry Greenwood
Guests: Jayne Cerone

Introductions, Announcements, Establish Quorum

Clyde introduced Jayne Cerone, Director, Governance, Communications & Volunteer Relations for IEEE.

IEEE Presentation on Technical Committees – Jayne Cerone

Jayne Cerone discussed the differences between Technical Committees and Councils.

After reviewing the [slides from the SRC Review](#), there was discussion on the options for the future of the Systems Council.

- Take SRC recommendation and transition into a Technical Committee
- Ask for a waiver of the 5 year rule, giving us an additional 2 years.
- Ask TAB whether Systems Council can transition to a Technical Committee if the waiver is not approved.

ACTION ITEM: Clyde - Send a note to member societies and ask if we became a TC, would they be interested. Also send to all societies that are not members, asking if they would be involved. Send Jayne's presentation along. AI-0146

Meeting recessed until April 9th. Breakfast served at 7:30. Meeting begins at 8:00. AdCom committee presentations will be first, then Jayne will join us again at 10:00 and the discussion regarding our options will continue.

April 9, 2010

MOTION: Paul Croll moved that the minutes be accepted as written. 2nd Bob Rassa. Motion passed.

Clyde established that we had a quorum.

Conference & Workshop Updates: Bob Lyons

Bob Rassa gave an update on the [Systems Conference](#). Bob also discussed the no-show issue and the IEEE rule that papers of authors who do not attend the conference will not appear in Xplore.

It was suggested that we target some hot topics for 2011. We have a broad topic list on the current CFP. We will put up a new CFP, and focus on certain topics.

ACTION ITEM: Member Society Reps – Send ideas to Bob Rassa regarding hot topics to be included in the Systems Conference CFP. AI-0147

Bob reviewed future Systems Conference location suggestions. There was discussion about Europe. Everyone agreed that the Systems Conference should be held in Europe in 2013.

ACTION ITEM: Bob Rassa – Find a suitable location in Europe for the 2013 Systems Conference. AI-0148

Bob Lyons gave a review of [Conferences in Work](#).

There was discussion regarding having a workshop on Oct. 7-8, 2010 associated with the IEEE International Conference on Smart Grid Communications (October 4-6, 2010) at NIST in Gaithersburg, MD.

ACTION ITEM: Bill Semancik – Contact the Washington/Northern VA Section and try and get some help with the Smart Grid Workshop. AI-0149

NIST has sent out many requests for Technical Co-Sponsorship of their conference. Communications Society is a technical co-sponsorship. Philip Chen will send the email to Clyde.

There was discussion regarding a Cybersecurity Conference that focuses on Survivability (Avoidance and Recovery). The role for Systems Council is to create a conference that integrates research across societies. Each member should explain to his/her Society that we would like their support in planning and chairing tracks, advertising for papers and panels, and identifying keynote speakers. .

Bob Rassa talked about the INCOSE track at the Systems Conference. There were 14 INCOSE members registered for the Systems Conference and INCOSE had a booth for marketing and recruiting. After discussion with INCOSE leaders, Bob believes that INCOSE representation at our conference will grow. . INCOSE would like a reciprocal agreement for their conference (July 12-15 in Chicago). They would like 12 to 15 papers. Abstracts are needed by the end of April. AESS has agreed to participate. Society representatives should let Bob Rassa know by Monday, April 12 if their society wishes to participate. INCOSE invited Systems Council to have a recruiting booth at the INCOSE conference. If we do so, we can sign up members for our member societies.

Technical Operations: Theo Saunders (absent)

The [VP Technical Operations Report](#) was reviewed.

New Technical Committees were proposed by Vincenzo Piuri:

TC – Monitoring Critical Infrastructures. There was discussion related to cybersecurity and monitoring. .

MOTION: Bob Rassa moved to establish a TC on Critical Infrastructure, chaired by Marios Polycarpou of University of Cyprus. 2nd Phillip Chen. Motion passed.

Description of TC: *The TC will study all aspects related to plan, design, develop, install, configure, calibrate, operate, maintain, and manage monitoring systems for critical infrastructures. The topics addressed concern - in particular - sensing, measurements, signal processing, image processing, monitoring, control, user interface, data mining, knowledge extraction and management, configuring, fault detection and diagnosis, fault accommodation, training, and management.*

TC on Security and Privacy in Complex Information Systems. There are several member societies that have TCs in this area, prompting a discussion on overlap. It was agreed to take this back to the member societies and present it, not as a conflict, but as a cooperation.

MOTION: Bob Rassa moved that we establish a TC on Security and Privacy in Complex Information Systems as proposed, chaired by Pierangela Samarati. Paul Croll 2nd. Motion passed unanimously.

Description of TC: The TC will study all aspects related to ensuring security, privacy, and availability in complex distributed information systems and systems-of-systems, both from theoretical and practical points of view. Studies will concern planning, designing, developing, installing, configuring, operating, maintaining, and managing security and privacy techniques and technologies for such scenarios.

The topics addressed for complex systems and systems-of-systems will include: access control and audit, authentication, biometrics, anonymity, information security, data security, operating systems security, network security, intrusion detection and prevention, data privacy, trustworthy systems, formal methods for security, dependability, secure environments and applications, risk analysis, security engineering, training, education, management, legal and ethical issues.

Discussion centered on inviting the Computer Society and Communications Society to become active participants in this TC. Pierangela should immediately contact these Societies to establish cooperation and determine whether they want to be a co-sponsor of this TC.

Standards Technical Committee was tabled until Theo can discuss this with Paul Croll.

ACTION ITEM: Paul Croll – Discuss the Standards Technical Committee with Theo and report at the Fall AdCom. AI-0150

Distinguished Lectures (DL): Jeannine Sivy is working on this. There is cooperation between Systems Council and AESS. All society representatives should contact Jeannine and provide contact information for their DL coordinator.

Chapter Update: no report

Finance – Bob Rassa

Bob Rassa reviewed Systems Council finances and the following was discussed:

- In order to reduce costs, the decision was made that the Fall Adcom meeting will be held via telecon.
- SC is projecting a 30K surplus from the 2010 Systems Conference.
- The Journal is costing more than it is bringing in.

Options for the Future – Discussion continued

Jayne Cerone reviewed her slides again and took questions from the Council.

There was a lot of discussion and a review of options.

Options:

1. Ask for an extension of a year (or x amount of time) as provisional status
2. Have TAB vote on a waiver, and extend us 2 years.
3. Fold the Systems Council into an existing OU
4. Move to be a TC (SRC recommended this)
5. Dissolve

The options were narrowed to 2:

1. Transition to a TC
2. Ask for a waiver and extend 2 years.

There was a lot of discussion regarding what would happen if the Systems Council dissolved.

MOTION: Bob Rassa moved to recommend to TMC that the Systems Council be granted a 2-year waiver extension to the 5-year "Sunset" rule, and should TMC reject this action, the Council is willing to transition to a Technical Committee. 2nd Bob Lyons. Motion passed unanimously.

It was decided that Clyde would attend the meeting of TMC, when they deliberate this, and present our case.

ACTION ITEM: Clyde Chittister – Send a message to Society Presidents and all reps regarding the outcome of the vote. Also send a note to Ellen Yoffa and Roger Pollard. Include Jayne Cerone's slides. AI-0151

New Business

Clyde discussed the developing relationship with INCOSE and Systems Council officers discussed the certification process. INCOSE suggested that IEEE support development of a body of knowledge, by defining the domain specific knowledge. INCOSE would like to hold a series of Workshops on Systems Engineering and Software Engineering, co-sponsored by the Systems Council. Society representatives to SC should ask whether their societies see a benefit to working with INCOSE on 1) a body of knowledge, 2) co-sponsoring workshops, and 3) cooperation on Bookcase.

Clyde opened discussion regarding the Journal . Is the Journal meeting the needs of the member societies?

ACTION ITEM: Member Society Reps - Talk to the societies about finding a way to change to a more application focused journal. Get recommendations from member societies. AI-0152

Next meeting will be in September and it will be a telecon.

Respectfully submitted,
Judy Scharmann