

Update to IEEE AES Society Strategic Planning and Execution 2010

**April 23, 2010
Atlanta, Georgia USA**

Strategic Planning Goal

- **Make AES more responsive, relevant and exciting to attract, engage and retain members from the theoretical, managerial and applications communities around the world.**
- **Accomplish this via our publications, conferences, and technical activities, to include Chapter activities as well as Society activities.**

Key Elements (1 of 7)

- **Transactions:** Assure that they are relevant, timely, and technically advanced.
- **Magazine:** Make attractive, desirable, cover timely topics that are relevant.
- **Printed Tutorials:** Make sure they are useful, informative, and up-to-date technically.

Key Elements (2 of 7)

- **Educational Opportunities: Provide continuing education opportunities such as online tutorials, live tutorials at our Conferences, and Distinguished Lectures.**
- **Assure that the DLs are engaging, considered expert in their field, that their material is accurate and up-to-date, and that the lecturers are respected and known in their field.**

Key Elements (3 of 7)

- **Technical Panels: Assure that they are Relevant, active, dealing in current issues, and providing comprehensive coverage of the Field of Interest of AES.**
 - **Seek new topics for panels, seek new potential Chairs for panels**
 - **Initiate Standards within our the Fol using technical panels**

Key Elements – (4 of 7)

- **Membership Development: Assure that we have a good outreach program, with an effective member acquisition and retention strategy**
 - 50% of annual member losses are typically from ranks of 1st year members
 - Implement an effective student transition strategy
 - Learn what students want & need from IEEE and AES
 - Engage Chapters to provide more local content and interest opportunities for members
 - Help foster new chapters
 - Use Chapters as source for BoG members

Key Elements (5 of 7)

- **Conferences:**

- provide relevant and well-run conferences;
- assure that we follow the IEEE rules, especially those on conflict of interest,
- assure that all conferences are well-managed and not wasteful and are generating surplus to help AES operate
- Initiate new conferences where such would help “round out” our FoI and provide additional opportunities for member participation
- Develop IEEE and AES members from conference attendees

Key Elements (6 of 7)

- **Seek out Cooperative activities and engage in those such as conferences, journals and technical panels, with outside entities that help further AES interests**

Key Elements (7 of 7)

- **Awards:** assure that our awards are properly administered and publicized, and nominations are actively solicited from the proper communities, through Chapters, the Magazine, and Conferences.

Path Forward

- Remember that Strategic Planning is a Roadmap to success!
- We must all follow the Map, the Path, and help propel the apparatus
- We must periodically check our progress to make sure we are on the right path and on time
- We must continuously review and update the Plan to assure that it is still relevant and viable
- If we prepare and follow a good Plan, the success and assured longevity and relevance of AES will surely follow!

**And above all, remember that you
can't create a new Beginning, but
we can sure create a new Ending!**

***And in the words of Walt Disney,
as long as there is Imagination,
we will never be done!***

Implementation Plan

Challenges

- Shape IEEE AESS into an organization for which professionals (i.e., students, GOLD members, mid-career and senior IEEE members) seek involvement.
- Provide justification for the expense of time and money for membership of AESS
- Overcome the stagnation of IEEE AESS
- Establish cohesive operation of diverse society
- Engagement and personal commitment of time of the members of IEEE AESS BoG

Implementation Plan

Objectives

- Identify products and services that meet the needs of our members and potential members. Characterize those products and services according to
 - Students
 - GOLD members
 - Mid-careers
 - Senior members
 - Corporations
- Select products for development and develop those products that meet the needs of our members and potential members
- Improve the marketing of IEEE AESS

Implementation Plan

Thrusts

- Identify methods for continuous survey of interest members and potential members.
- Identify partners who will jointly promote aerospace industry as a profession and join with selected organizations on projects of common interest.
- Develop communications that reflect AESS.
- Expand the number of technical panels and improve operation of those panels.
- Expand the DL program and improve the effectiveness of the DLs.

Implementation Plan

Execution

- Assign actions to specific members of the BoG
- Conduct bimonthly telecons to track completion of actions.
- Report on progress at the spring meeting

Bimonthly Telecons

November 2, 2009

- Participants: Judy Scharmann, Dale Blair, Peter Willett, Iram Weinstein, Ron Ogan, Jim Leonard, Teresa Pace, George Dean, Bob Lyons

January 11, 2010

- Participants: Judy Scharmann, Joel Walker, Hugh Griffiths, Dale Blair, Peter Willett, Iram Weinstein, Ron Ogan, Bob Lyons

March 1, 2010

- Participants: George Dean, Jim Leonard, Bob Lyons, Iram Weinstein, Teresa Pace, Joel Walker, Mark Davis, Dale Blair, Bob Rassa, Ron Ogan

Survey Members/Potential Members

IEEE AESS Magazine Survey

- Finalized in October
- Published in January issue of IEEE AESS Magazine
- Hosted on IEEE AESS Web Site
- 55 Surveys completed.

Continuous Survey of Members

- AESS Conferences and Web site are best means to gain feedback.
- Solicitation of feedback via the web site is underway.
- Attendance and participation in AESS conferences is critical.

Identify Partners

- Theo and Jim Leonard have identified and exchanged few emails with Vin O'Neill, Senior Legislative Representative I IEEE-USA
 - Made reservations to attend (but cancelled) a STEM workshop
 - Theo's goal is to have AES involved in all local STEM activities
- Received a message from Russ Lefevre: he would like to work and bring the IEEE-USA workforce activities into the AESS panel operations.
- Jim Leonard met with Jim Isaak.
- Ron has identified 36 companies in Huntsville AL who we can contact for partnering.

Improve Communications (1 of 3)

- Improve AESS Magazine

- Organizational kick-off telecon was conducted on March 9, 2010 with new editorial board.
 - Teresa introduced to editorial board to IEEE AESS BoG and reviewed her brief of her vision for the magazine
 - Assignments to the editorial board
 - Recruit two submissions per year
 - Write an editorial for the magazine
 - Peter Willett to begin Transactions EIC Column
- New description articles of interested provided by Maria Greco
- E-Journal Press Training for editors is being scheduled.
- Another telecon editorial board scheduled for May 18, 2010
- 80% of magazine articles are recycled conference papers
- Recruit submissions from conferences via requirements in the MOU
- E-Journal Press - 54 manuscripts with 18% acceptance rate

Improve Communications (2 of 3)

- Improve AESS Magazine
 - Survey of magazine readers in progress (55 responses)
 - CD with titles and abstracts (about 180) for forthcoming articles in T-AES with Dave Dobson for inclusion in the magazine.
 - Dave is publishing only titles
 - Ask Judy for posting on the web site and add link to E-Blast
 - Sample issue of magazine by Allen Press – Dave would not commit to a date of delivery
 - Targeted bi-monthly issues for 2012 with cover related to issue
 - Radars Systems with Guest Editor – Mark Davis?
 - Interview article of Merril Skolnik by Dale Blair
 - Target Tracking Systems with Guest Editor – Dale Blair
 - Interview article of Yaakov Bar-Shalom by Dale Blair
 - Multiple Hypothesis Tracking
 - MTT Performance Metrics
 - Track-to-Truth Assignment
 - Particle Filters

Improve Communications (3 of 3)

- Ron Ogan - lead on committee to establish best methods for communications with AESSE members.
 - Telecon held on March 26.
 - Bi-monthly magazine with bi-monthly e-blast
 - Establish Facebook and LinkedIn
 - Upgrade the E-Blast format (Done by Judy)
 - Build connections (references) between magazine, e-blast, web site, DLs.
 - Focus on input from VPs
- Develop videos of interviews with senior experts in our fields and host those on the web site.

Improve DLs

- Iram has developed a proposal for expanded program.
 - No additional funding available for 2010
 - Additional funding needed in 2011.
- Iram has developed charts for DLs to introduce attendees to join IEEE AESS.
- Iram planning a review of DL for currency.

Improve Technical Panels

- Hody Lambert of MIT/LL has accepted as the new chairman of Target Tracking System Panel has been identified via IEEE AESS Quarterly Email Blast
 - Panel meeting set for May 24 in Santa Barbara, CA.
 - \$400 need to support meeting
- Identified a chairman (Fred Wright) for a new technical panel on Cyber Security.
 - Provided charts on vision
 - Request a draft of charter and bylaws