Publications Smart Objectives

April 27, 2018

Renaissance Oklahoma City
Publications

3-Year Goals

- Reduce the average submission-to-publication delay for the AES Transactions to nine months
- Achieve an average submission rate of twelve articles per month for the AES Systems magazine
- Reduce the cost of the AES Systems Magazine
- Increase the contributions to AES publications from industry by two articles per month
- Increase Impact Factor of Transactions to 2.0
- Increase Impact Factor of Systems magazine to 1.0
- Increase readership (opens) of QEB by 25%
- Increase visits to IEEE AESS website by 25%
- Create a new Transactions on Radar Systems
Transactions on AES

EiC: Michael Rice

AEiCs: Stefano Coraluppi,
Piefrancesco Lombardo
Term limit

- Introduce the term limit for the Transactions AEs
- New roster
- Assigned to: Michael Rice & myself
- Reduce the average submission-to-publication time for the AES Transactions to nine months (first decision to 12 weeks)
- Time period for performance: 2018-19
Days to First Decisions for T-AES
First Decision: TAES vs. IEEE

TAES = 22.9
First Decision: TAES vs. IEEE

TAES = 22.9
IEEE Xplore postings:
- June 2017 issue posted on 8 June 2017
- August 2017 issue posted on 8 Aug 2017
- October 2017 issue posted on 10 Oct 2017
- December 2017 issue posted on 5 Dec 2017
- February 2018 issue posted on 7 Feb 2018
- April 2018 issue posted on 11 April 2018

Special Sections:
- Spectrum Sharing Systems (27 papers)
Editors and Admin Support

- **New AEiC Appointees**
  - Stephano Coraluppi (TE, Target Tracking)
  - Pierfrancesco Lombardo (TE, Radar)

- **New AE Appointees**
  - Mahendra Mallick (Target Tracking, Jan. 2018)
  - Róbert Fónod (Fault Tolerant Systems, March 2018)
  - Marcus Holzinger (Space Systems, April 2018)
  - Qinglei Hu (Space Systems, April 2018)
  - Roberto Armellin (Space Systems, April 2018)

- **Conference Catalysts Support**
  - Lindy Harp replaced Jamie Zink in March 2018
  - Lindy to provide admin support of final files and sending reminders to the AEs
  - Jamie Zink replaced Mehak Chopra in July 2017
Mathieu Joerger replaced Jade Morton on 1 Jan 2018
Kainam Thomas Wong (2nd 3-year term began on 1 Jan 2018)
Stefano Coraluppi (2nd 3-year term began on 1 Jan 2018)
Gokhan Inahlan replaced Sertac Karaman on 1 Jan 2018
Jonathan Nichols replaced Heesung Kwon on 1 Jan 2018.
T-AES Page Charges Income – 2017-2018

2017
Overlength Page Charges: Actual = $204,393
Overlength Page Charges: Budget = $140,000
Bad Debt = $37,599

Open access: Actual = $36,666
Open access: Actual = $9,460

2018 (March 31)
Overlength Page Charges: Actual = $56,300
Overlength Page Charges: Budget = $37,000
Bad Debt = $2,200
T-AES Page Charges Income - 2018

Volume 54, No. 1 - $ 22,800 (open access payments not included)
Volume 54, No. 2 - $ 31,230 (Estimated amount based on TAB data)

2018 Total to Date = $ 56,330
Bad Debt = $2,200
Overlength Page Charges: Actual = $56,300
Overlength Page Charges: Budget = $37,000
Systems Magazine

EiC: Peter Willett

AEiC: David Crouse
Cost efficiency of the Magazine

- Review all the expense sources for the Magazine.
- It depends on the outcomes of the review.
  - Possible bimonthly publication (12 to 6 with similar annual page budget).
  - New contract with Allen Press or new vendor
  - Over length charge
  - Advertisement
- Assigned to: Peter Willett & myself
- Reduce the cost of the AES Systems Magazine
- Time period for performance: 2018-2019
Issue: Turnover

• unfortunately Bill & Susanne Walsh are no longer involved with AESS, and their loss is keenly felt in Publications
  • Bill helped out the Magazine and Transactions with business matters
    • tracked costs, budgets and income
    • led re-bid contracting and proposal efforts
    • the VP Pubs will need to take the lead now, with help from EICs and VP Finances
  • Susanne helped out the Magazine with administrative matters
    • Conference Catalysts has taken over administrative editor responsibilities (April 1st)
    • temporarily this is Judy Scharmann
Bill Walsh arranged a lunchtime meeting in Orlando in February 2018 with Mark David, who heads IEEE advertising. Judy was also able to attend.

IEEE recently “farmed out” all their advertising work to GlobalSpec
- Albany subsidiary of IEEE
- there are about 40 "reps" in GlobalSpec
- aside from Mark David, everyone previously dealing with us at IEEE is gone

IEEE has underperformed with respect to AESS Magazine.
- Mark agrees that our aerospace & industry flavor ought to go over well with deep-pocketed advertisers
- not clear that GlobalSpec is thinking much about us right now
- need to “telemeet” to get us acquainted
- we attempted to get this to happen and followed up
- unfortunately so far there has been little result

not much concern about changing the look-and-feel of the magazine

would be good to link print ads with QEB & website ads

Allen Press does offer an advertising service
- it may be a good idea to seek that as part of our next round of bids
Issue: New Contract with Vendor

- costs associated with the Magazine have been reduced sharply over the last 5 years
  - well in excess of $400k per year under previous vendors
  - well under $300k per year under Allen Press in 2014
- *Systems* is the only physical product that is actually given to our members in return for their membership
  - by mail, in their hands, once per month
  - steadily improving product, many special issues, backlog
- authors increasingly submitting to Systems because what they write is actually read by several thousand (influential) people
- if options other than monthly are to be explored, this year is the time to consider them
  - last year of 3-year Allen Press contract, hence re-bid due
  - bimonthly? lighter paper?
1. **Navigation and Positioning Systems**
   1. GEs: Michael Braasch, Andrew Dempster
   2. August 2017, 5 published papers

2. **HF surface wave and skywave radars**
   1. GEs: Dan O'Hagan, Joe Fabrizio, Gordon Frazer, Stuart Anderson
   2. Planned December 2017+March 2018 (12 papers)

3. **Cyber Security in Aerospace Systems**
   1. GEs: Kathleen Kramer, Erik Theunissen, Bill Walsh
   2. Planned November 2017+February 2018 (5 papers)

4. **Integrated Navigation, Sensing and Communications for Solving Problems in Society**
   1. GEs: Leo Ligthart and Marina Ruggieri
   2. Planned April+May 2018 (double-bound issue)
5. **Metrology for Aerospace Systems**  
   1. GEs: P. Daponte, Stefano Debei, Maria Riccio  
   2. Planned August 2018 (4 accepted papers)

6. **Exploration Mission-1 and Deep Scale CubeSats (delayed deadline September 2018)**  
   1. GEs: Faramaz Davarian, Yang Gao, Peter Kinman  
   2. Planned February 2019, probably pushed back

7. **Selected Methods and Techniques for Intelligent Systems for Space (deadline July 2018)**  
   1. GEs: Maria Moreno, Brian Duncan, Larry Bergman  
   2. Planned Spring 2019

   1. GEs: Olfa Kanoun, Marco Carminati, Salvo Marcuccio, Silvia Ullo  
   2. Planned Spring 2019
   1. GEs: Stefan Brüggenwirth, Albert Huizing, Alexander B. Charlish
   2. Planned mid-2019

10. Security Technology (expressed interest)
    1. GEs: Gordon Thomas, Javier Ortega-Garcia
    2. Planned 2019
We seem to be getting a good balance of papers from the various technical areas.
AESS QEB

EiC: Fabiola Colone
Adm Ed: Judy Scharmann
QEB contents

- Improve contents of QEB.
- New column for Young Professionals and/or Industry members
- Assigned to: F. Colone & myself
- Increase readership (opens) of QEB by 25%
- Time period for performance: 2018
## QEB Opens

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QEB Initiatives

Initiatives are being implemented to improve the QEB and increase readership:

1. New section entitled "The story behind a success", dedicated to young AESS members that have been recently awarded or recognized by the Society:

   - Dr. Bo Li (recipient of the 2017 Robert T. Hill Best Dissertation Award) invited for the first article.
   
   - Next article: recipient of the Best Student Paper award at the Radar Conference 2018? Other conferences? Recipient of the 2018 Fred Nathanson Award?
2. Including advertisements of open positions:

- In 2018, ARRC will run the ad in the QEB at each quarter (offered as a package deal with ads in the Systems Magazine).

- Creating a regular ‘ads space’ or a ‘bulletin board’ populated by job opportunities could stimulate QEB openings by young members.

3. New section to be created including contributions from BoG officers (or committee chairs) to cyclically update the readers on new initiatives and/or events.

- Joe’s message in the last edition

- Next article: VP Education? VP Publications? It might depend on the next important deadlines and events...
New Initiatives
New Transactions

- Study the option of creating new Transactions on Radar Systems.
- Report on utility and feasibility analysis
- Assigned to: myself & F.Colone
- Create a new Transactions on Radar Systems
- Time period for performance: 2018 (for the report)