VP Publications report

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April 26-27, 2019

Boston, USA
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 (done!)
- Increase Impact Factor of Systems magazine to 1.0 (done!)
- 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: Mike Rice

AEiCs: Stefano Coraluppi,

Piefrancesco Lombardo
Improvement of TAES performance

- Introduction of the term limit for the TEs and AEs (AESS-BOG-Spring '18, AI-0769)
- New roster with new AEs
- Change of the timeline for submitted and revised papers
- Goal: Reduce the average submission-to-publication time for the TAES to nine months (first decision to 9-10 weeks)
New time-line

2 weeks for AEs to assign reviewers. [Previous deadline = none.]

42 days (6 weeks) from AE assignment to first decision. [Previous deadline = 60 days (9 weeks)].

42 days (6 weeks) for revision. [Previous deadline = 90 days (13 weeks)]

42 days for all subsequent reviews and decisions. [We were thinking shorter here, but taes.msubmit.net only has one variable for these things.]
# Reminders (AESS-BOG-Spring '18, AI-0771)

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Systems Magazine

EiC: Peter Willett

AeIC: David Crouse
New Magazine Contract
(AESS-BOG-Spring '18, AI-0772)

• After the RFP, IEEE and AllenPress responded

• Factors considered
  • IEEE has improved greatly over recent years, in both cost and service
  • the personal service at AllenPress was excellent (but Rita Janssen has been laid off)

• There are rumors that IEEE may enact policies that bring out-of-house publications in-house
  • both IEEE publishing operations and web submission
  • it is possible that there have always been such rumors

• IEEE Publications was chosen
  • The transition has been completed in March 2019. March issue has been a bit delayed
Special issues

Recent Special Issues
• Cyber Security in Aerospace Systems, Part 2 - February 2018
• HF Surface Wave Radar, Part 2 - March 2018
• Integrated Navigation, Sensing and Communications for Solving Problems in Society – May / June 2018
• Selected Methods and Instrumentation of Metrology for AeroSpace - August 2018

Upcoming Special Issues
• Exploration Mission-1 and Deep Space CubeSats - Part 1, 2 and 3 (GEs: Davarian, Kinman, Gao)
• Selected Methods and Techniques for Intelligent Systems for Space (GEs: Moreno, Duncan, Bergman)
• Wireless Sensor Networks and Remote Sensing for Environmental Applications – Part 1 and 2 (GEs: Kanoun, Carminati, Marcuccio, Ullo)
Special issues

Call for Papers
• Cognitive Radar (GEs: Bruggenwirth, Huizing, Charlish) – Submission Deadline: 31 March 2019
• Quantum Radar (GEs: Fasca, Farina, Balaji) – Submission Deadline June 30 2019
• Noise Radar (GEs: Lukin, Stove, Wasserzier) – Submission Deadline August 30 2019

Planned
• Security Technology (GEs: Thomas, Ortega-Garcia) Planned 2019
## QEB Opens

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QEB Initiatives (AESS-BOG-Spring '18, AI-0773)

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

1. New inspiring articles for the section entitled "The story behind a success":
   - 2nd Ed. 2018: Dr. Bo Li (recipient of the 2017 Robert T. Hill Best Dissertation Award).
   - 3rd Ed. 2018: Recipients of the Best Student Paper Award at the IEEE Radar Conference 2018 (Oklahoma City, OK).
   - 1st Ed. 2019: Recipients of the Best Student Paper Award at the International Conference on radar (Brisbane, AU)
QEB Initiatives

2. New section entitled "Society Happenings" including contributions from BoG officers (or committee chairs) to cyclically update the readers on new initiatives and/or events.


- Next Editions 2019: Volunteers are accepted. Maybe Wolfgang Koch on Hülsmeyer or Mike Wicks on moonlanding.
3. **Advertising the QEB**: After posting a new edition, messages are sent to contributors and members appearing in articles/pictures to urge them to open the email and have a look. The idea behind this is to accustom people, especially young members, to open and read the newsletters since they possibly would - familiarize with the QEB structure (and related media), - advertise the content among their peers, and - check out the next edition looking for similar news.

4. **Adding many contents for young members. The last edition featured:**
   - Article on Future Skills Challenge in Drone Technology (by Prof Riaan Stopforth)
   - Article on Mentoring Program in Action (by Garrett Hall and Walt Downing)
   - 2018 Robert T. Hill Dissertation Award Winner
New Journal on Radar Systems

M.S. Greco
Ad Hoc Committee of Radar System Panel
(AESS-BOG-Spring '18, AI-0774)

– Evaluating pros & cons, report presented at the RSP meeting
– Discussion open to refine the proposal
OA? The Plan S

On 4 September 2018, a group of national research funding organisations, with the support of the European Commission and the European Research Council (ERC), announced the launch of cOAlition S, an initiative to make full and immediate Open Access to research publications a reality.

“By 2020 scientific publications that result from research funded by public grants provided by participating national and European research councils and funding bodies, must be published in compliant Open Access Journals or on compliant Open Access Platforms.”

cOAlition S does not favour any specific business model for Open Access publishing or advocate any particular route to Open Access given that there should be room for new innovative publishing models.

https://www.coalition-s.org/feedback/
IEEE proposed options

(1) Repurpose an extant but moribund journal.

(2) Start a new OA journal.

(3) Use a section of IEEE Access.

(4) Open a shared Open Access journal with some allied societies.

The journal must not have a mirror/sister subscription journal with substantial overlap in editorial board to avoid business models charging for both access and publication. Such journals will de facto be considered hybrid journals.

As suggested by IEEE, we decided to wait and see