



Publications Smart Objectives

September 28, 2018

Rome, Italy

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,

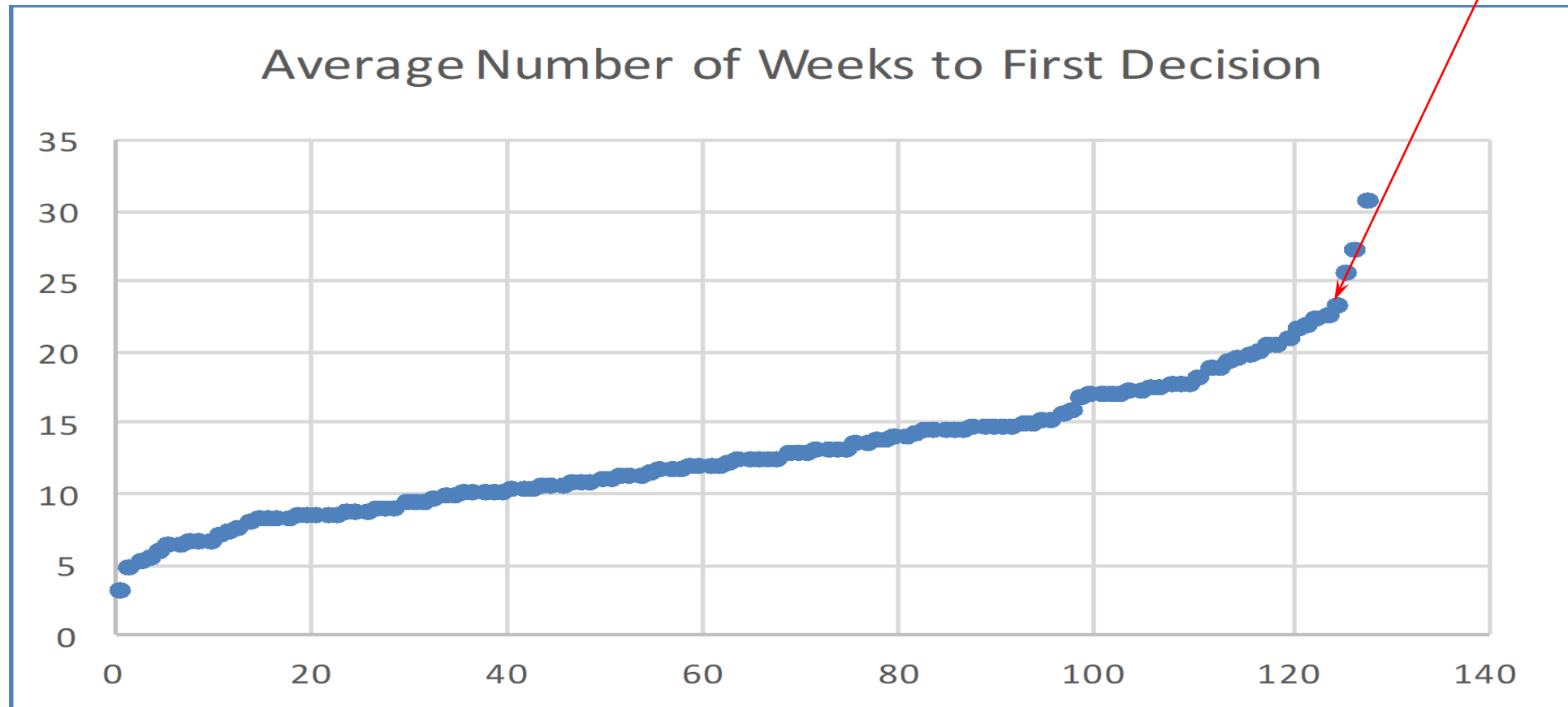
Piefrancesco Lombardo

Term limit

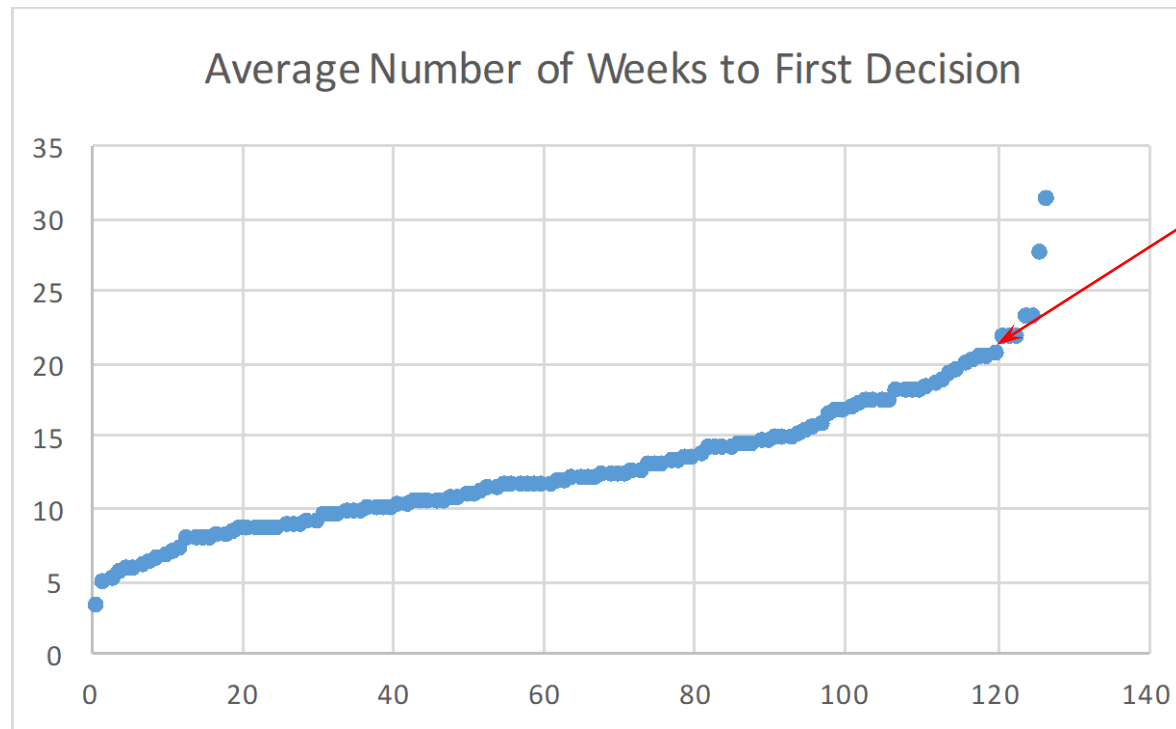
- Introduce the term limit for the Transactions AEs
- New roster
- Assigned to: Mike Rice & myself
- Reduce the average submission-to-publication time for the AES Transactions to nine months (first decision to 12 weeks)
- Time period for performance: 2018-19

First Decision: TAES vs. IEEE 4Q 2017

TAES = 22.9

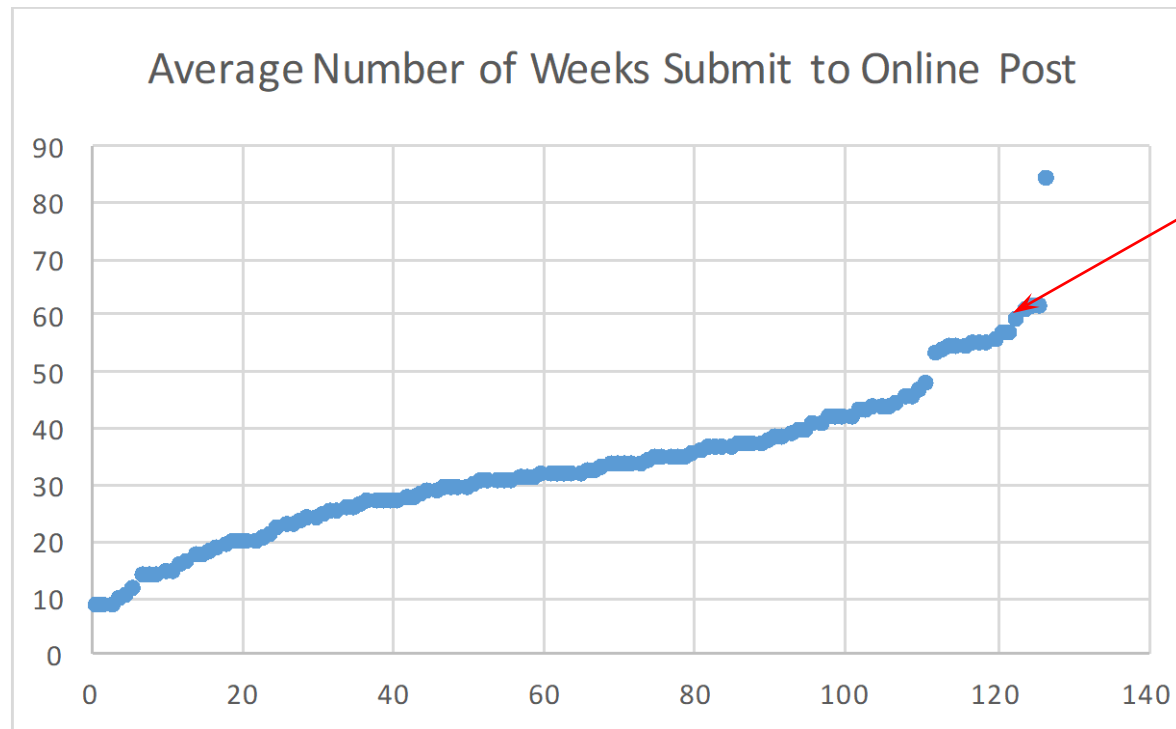


First Decision: TAES vs. IEEE 1Q 2018



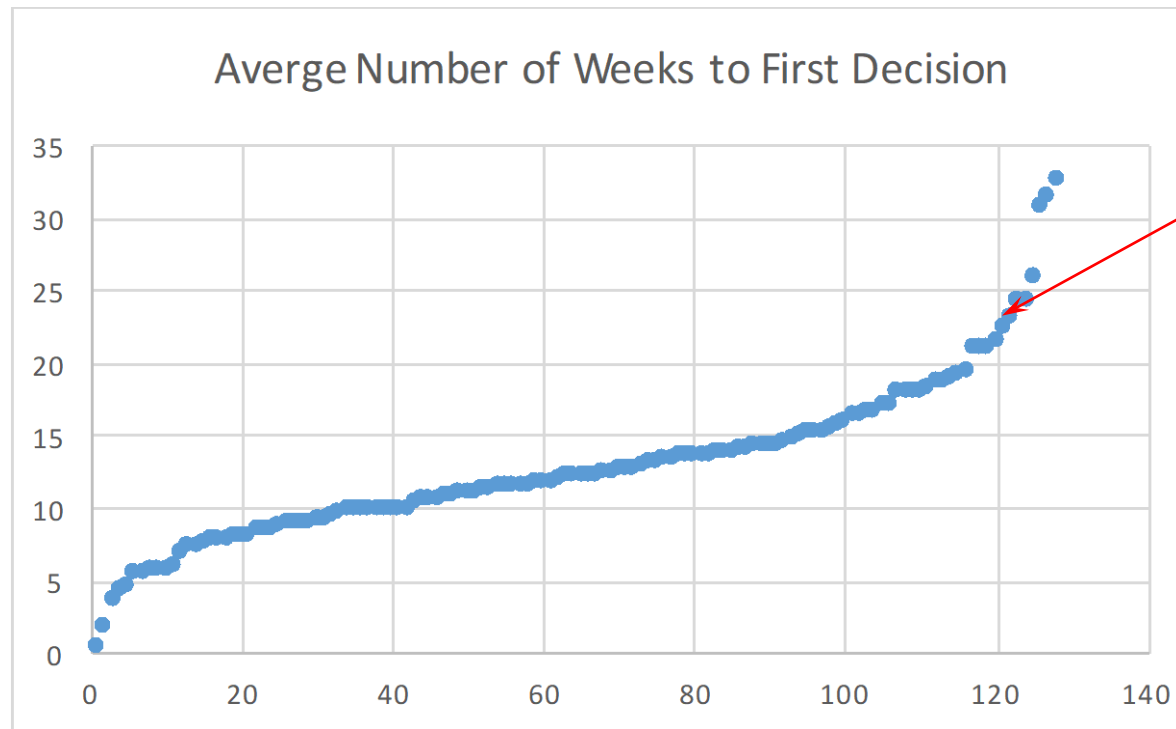
TAES = 20.4
(120/127)

Sub-to-Online Post: 1Q 2018



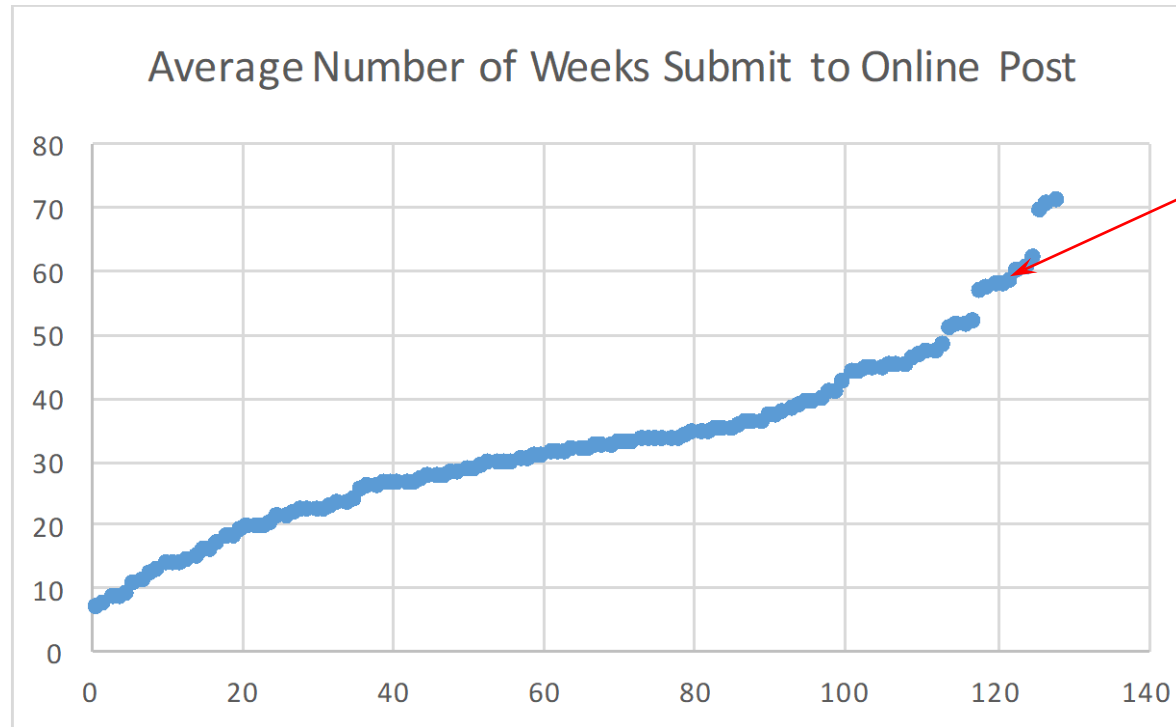
TAES = 58.4
(123/127)

First Decision: TAES vs. IEEE 2Q 2018



TAES = 23.0
(122/128)

Sub-to-Online Post: 2Q 2018



TAES = 58.0
(122/128)

Recent Changes

- **Instructions to Authors updated.**
- **IEEE DataPort and Code Ocean** features now integrated into the submission/review/acceptance process.
 - Thanks to **Jason Williams**
- **Electronic Signature** of IEEE Copyright form now fully integrated for accepted manuscripts.
- **eJPress enhancement** approved
 - automatically generated emails sent to all AEs with status summaries of all manuscripts assigned to them.
 - \$1350 for the enhancement
 - released for testing in mid-late October and then be available for the live sites in November.
 - The enhancement is a prerequisite to shortening the review/revision time intervals to address our long submit-to-1D and submit-to-online-post times.

- IEEE Xplore postings:
 - February 2018 issue posted on 7 Feb 2018
 - April 2018 issue posted on 11 April 2018
 - June 2018 issue posted on June 2018
 - August 2018 issues posted on August 2018
- Special Sections:
 - Spectrum Sharing Systems (27 papers)
 - 1 has been accepted
 - 7 have been rejected
 - 11 are under 2nd review
 - 8 are being revised by the authors

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

Bibliometrics: we are steadily improving

| Abbrev. Journal Title | Year | Total Cites | Impact Factor (IF) | IF w/o Self Cites | 5-Year Impact Factor | Immed. Index | Articles | Cited Half-Life | Eigen-factor Score | Article Infl. Score |
|-----------------------|------|-------------|--------------------|-------------------|----------------------|--------------|----------|-----------------|--------------------|---------------------|
| IEEE AERO EL SYS MAG | 2013 | 559 | 0.438 | 0.405 | 0.488 | 0.073 | 55 | 8.4 | 0.00093 | 0.165 |
| IEEE AERO EL SYS MAG | 2014 | 661 | 0.963 | | 0.751 | 0.102 | 49 | 8.3 | 0.00147 | 0.288 |
| IEEE AERO EL SYS MAG | 2015 | 618 | 0.611 | 0.593 | 0.662 | 0.093 | 43 | 9 | 0.00125 | 0.275 |
| IEEE AERO EL SYS MAG | 2016 | 886 | 0.771 | 0.729 | 0.805 | 0.035 | 57 | >10 | 0.00099 | 0.254 |
| IEEE AERO EL SYS MAG | 2017 | 1098 | 1.36 | 1.30 | 1.332 | 0.179 | 67 | 9.7 | 0.00124 | 0.345 |

Advertising

- As mentioned in last report, IEEE has significantly underperformed in advertising.
 - IEEE's GlobalSpec purchase may have been wise from a profit perspective, but in terms of providing service to our non-profit organization its result seems to be negative
 - GlobalSpec is essentially a company of salespeople – probably very good ones – but IEEE accounts for about 1/3 of their business ... and one might speculate that that 1/3 is not the most profitable 1/3
- Allen Press does offer an advertising service
 - it may be a good idea to seek that as part of our next round of bids
 - AllenPress advertising would be cheaper than IEEE

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 (the last year I have data for)
- *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

Rebid Magazine Contract

- currently preparing an RFP, at least IEEE and AllenPress, and at least one other vendor is expected to respond
- factors to consider
 - IEEE has improved greatly over recent years, in both cost and service
 - the personal service at AllenPress is excellent (but Rita Janssen has been laid off)
 - recent incident
 - AllenPress accidentally overstated their warehoused copy numbers, hence AESS sent “extra” magazines to a conference that requested
 - turned out that AllenPress had neglected to mail issues to subscribers
 - AllenPress charged AESS to print extra copies
- 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
- may want to consider manuscriptcentral.com after next PRAC
 - good linkage with IEEE policies and features

- 1. Integrated Navigation, Sensing and Communications for Solving Problems in Society**
 1. GEs: Leo Ligthart and Marina Ruggieri
 2. April+May 2018 (double-bound issue)

- 2. Metrology for Aerospace Systems**
 1. GEs: P. Daponte, Stefano Debei, Maria Riccio
 2. August 2018

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

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

5. **Wireless Sensor Networks and Remote Sensing for Environmental Applications (deadline September 2018)**

1. GEs: Olfa Kanoun, Marco Carminati, Salvo Marcuccio, Silvia Ullo
2. Planned Spring 2019

6. **Cognitive Radar (deadline January 2019)**

1. GEs: Stefan Brüggenwirth, Albert Huizing, Alexander B. Charlish, Muralidhar Rangaswamy
2. Planned mid-2019

7. **Security Technology (expressed interest)**

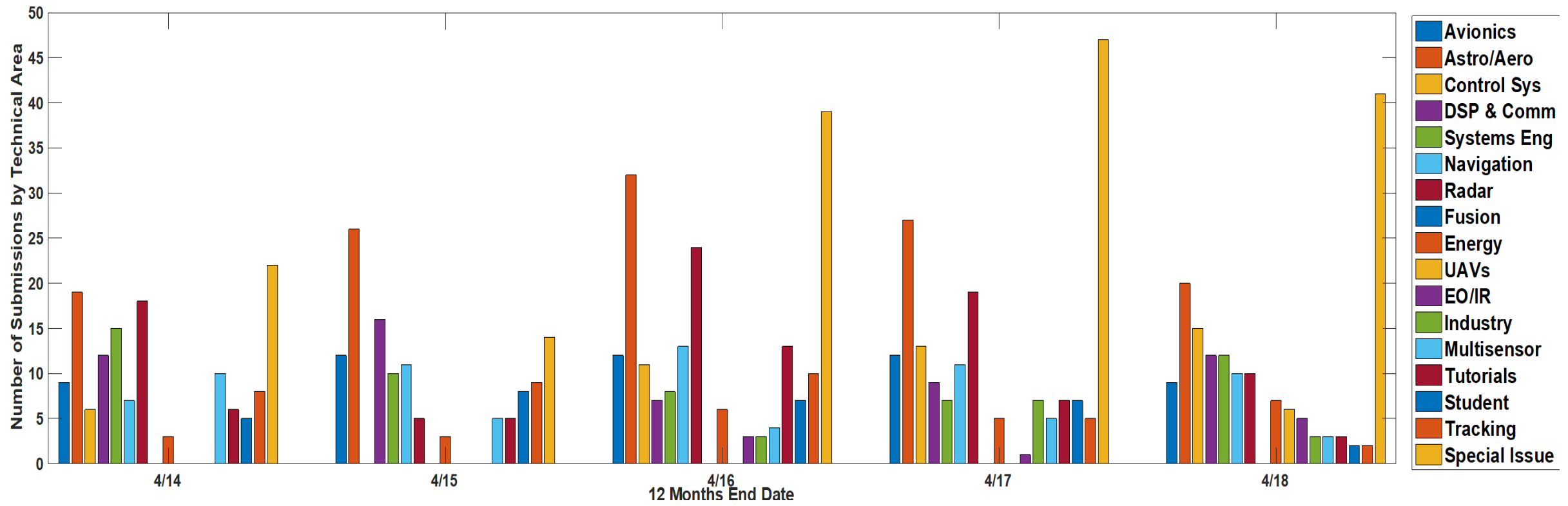
1. GEs: Gordon Thomas, Javier Ortega-Garcia
2. Planned 2019

8. **Quantum Radar (expressed interest)**

1. GE: Bashyam Bajaji
2. Planned 2019

**Topical area and contact
person suggestions from the
BoG would be highly
welcome!**

Proportion of Submitted Papers Per Area (2013-18) – AES-M



We seem to be getting a good balance of papers from the various technical areas.

AESS QEB

EiC: Fabiola Colone

Adm Ed: Jane Buckingham

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

| Campaign Name | # Sent to | # Opened Email | % opened | # Bounced | # Unsubscribed | # Unique Clickers |
|------------------------------------|-----------|----------------|----------|-----------|----------------|-------------------|
| AES Newsletter 1st Qtr 2016 010416 | 4387 | 1439 | 33% | 77 | 2 | 17 |
| AES Newsletter 2nd Qtr 2016 040516 | 3831 | 1260 | 33% | 8 | 1 | 177 |
| AES Newsletter 3rd Qtr 2016 070616 | 4120 | 1313 | 32% | 56 | 3 | 120 |
| AES Newsletter 4th Qtr 2016 100316 | 4261 | 1291 | 30% | 61 | 1 | 126 |
| AES Newsletter 1st Qtr 2017 010317 | 4332 | 1467 | 34% | 60 | 4 | 166 |
| AES Newsletter 2nd Qtr 2017 040417 | 3889 | 1303 | 34% | 69 | 0 | 129 |
| AES Newsletter 3rd Qtr 2017 070517 | 4157 | 1293 | 31% | 2 | 1 | 106 |
| AES Newsletter 4th Qtr 2017 100317 | 4200 | 1411 | 34% | 66 | 4 | 97 |
| AES Newsletter 1st Qtr 2018 010318 | 4142 | 1397 | 34% | 29 | 3 | 119 |
| AES Newsletter 2nd Qtr 2018 040418 | 3489 | 1097 | 31% | 21 | 2 | 106 |
| AES Newsletter 3rd Qtr 2018 070518 | 3831 | 1288 | 34% | 22 | 1 | 68 |

QEB Initiatives

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).
- 4th Ed. 2018: Dr. Luke Rosenberg (recipient of the 2018 Fred Nathanson Award).
- 1st Ed. 2019: Recipients of the Best Student Paper Award at the International Conference on radar (Brisbane, AU)? Other inputs?

The Story Behind a Success



As the recipients of the Student Paper Competition Awards at the 2018 IEEE Radar Conference, it is our pleasure to share our success with the AESS community.

First, let us express our sincere gratitude to those who were involved in organizing this competition. In particular, we would like to take this chance to thank Dr. Brian Cordill and Dr. James McSpadden not only for the perfect organization of the contest

but also for calming down our nerves before our presentation. Special thanks to the panel of judges who attended our special closed-door session, instead of enjoying the sunset view over Oklahoma City and the happy hour that the conference had generously offered. Our gratitude also goes to everyone who stopped by and congratulated with us, we feel lucky to have had the opportunity of sharing our work in such a valid environment.

Now, for those of you who didn't get the chance to see our presentations or who only saw us from afar the night of the banquet, we would like to take this chance to tell you a little bit about ourselves.



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.

- 2nd Edition 2018: Joe Frabrizio, AESS President Message.
- 3rd Edition 2018: Kathleen Kramer, VP Education, Title of contribution: AESS Education Spotlights.
- 4th Edition 2018: Sabrina Greco, VP Publications, Title of contribution: TBC.
- 1st Edition 2019: Volunteers are accepted. It might depend on upcoming deadlines/events...

Society Happenings - AESS Education Spotlights

Education - Expanding Offerings and Serving More Members
By Kathleen Kramer, AESS VP Education

The [AESS Education Committee](#) has a mission to meet the life-long learning needs of the society's diverse set of members by providing timely, relevant and interesting topics in the AESS technical fields interest. Our core offerings include Distinguished Lectures and Tutorials, and we've been expanding our Education offerings to better reach and engage emerging engineer members with a portfolio of young professional and student activities, including the Robert T. Hill Dissertation Award. AESS educational contributions are exceptional in breadth of technical interests, diversity of prerequisite experience, breadth of leadership engagement, and impact on membership.



AESS Distinguished Lecturer, Yaakov Bar-Shalom

[AESS Distinguished Lecturer and Tutorial Program](#) is in many ways first among our Education offerings. The program has dramatically increased in recent years, both in terms of lectures and the Distinguished Lecturers who give them, growing 600% in the last five years to reach 95 lectures in more Disting regions and technical are technical and

AESS Short Course Initiative, piloted in the Distinguished Lecturers, looks to expand from a one or few-day workshop that meets the educational needs of members.



AESS members Dale Blair, Kathleen Kramer, Bo Li, & Fabiola Colone.
Photo credit: Athina Petropulu

QEB Initiatives

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 contents for young members:**

- IEEE Young Professionals Meet-Up at MIKON'18 (by Piotr Graca)
- Mentoring Program in Action (by Ganesh Subramanian and Tamil Selvan)



*The Meet-up Organizing Team – Young Professionals from Poland Section
Photo courtesy of Anna Kolenda, YP Poland Section*