

# IEEE AESS Transactions 2012

Officers Meeting  
Washington, DC  
January 26, 2013

# Transactions Publication Leadership

- We lost two editors, Michael Braasch and Fredrik Gustafsson, but we were able to add five more:
  - Prof. Kainam Thomas Wong (Signal Processing in Aerospace Systems)
  - Prof. Shinichi Nakasuka (Guidance and Control Systems)
  - Prof. Junfeng Li (Guidance and Control Systems)
  - Prof. Luis Rodrigues (Guidance and Control Systems)
  - Dr. Kegen Yu (Navigation)

# Transactions Publication Leadership

- EIC – Lance Kaplan
- Assoc EICs – Wolfgang Koch
- Admin Editors – Rita Janssen (Allen Press)
- Technical Editors
  - Murat Efe, Avionics Systems
  - Michael Rice, Command, Control and Communications (+1 AE)
  - Tom Robertazzi, Command, Control and Communications
  - Stephen Hary, Electronic Warfare
  - Heesung Kwon, Electro-optic and Infrared
  - William M. Polivka, Energy Conversion (+2 AEs)
  - Mogens Blanke, Fault Tolerant Systems (+1 AE)
  - Min-Jea Tahk, Guidance and Control (+8 AEs)
  - Tom Robertazzi, Intelligent Systems
  - Uwe Hanebeck, Letters
  - Michael S. Braasch, Navigation (+6 AEs)
  - Stefano Marano, Networked Sensor Systems
  - Muralidhar Rangaswamy, Radar (+11 AEs)
  - Wayne Blanding, Signal Processing in Aerospace Systems (+1 AE)
  - John A. Tague, Sonar and Undersea Systems
  - Marina Ruggieri, Space Systems (+4 AEs)
  - Open, Support Systems
  - Wolfgang Koch, Target Tracking and Multisensor Systems (+6 AEs)
  - Open, Human-Machine Interface System

# News

- We currently have one special section on Compressed Sensing Applied to Radar that is under process. Most all of the reviews for the first round are completed.
- Now that we are an electronic publication, our papers include color at no extra charge for the authors.
- We are working with Allen Press so that we can post the author preprints on IEEE Xplore until the published (copyedit and typeset) version is available. This will greatly improve our submit to electronic publication metric with IEEE, and authors will be happy that their papers are available sooner on IEEE Xplore.
- Finally, we are currently selecting the winner of the 2010 Barry Carlton award. A panel of senior editors is considering the winner from a selection of three papers. We hope to be able to announce the winner in the April issue of the Transactions.

# Concern – Page Charges

- New page charge policy is that each page beyond 10 for a regular publication and beyond 6 for a correspondence item is \$200 per page.
  - Papers submitted prior to the implementation date (November 2010) were grandfathered.
  - Voluntary page charges are still requested.
  - Excellent spreadsheets from Allen Press forwarded to IEEE.
  - Significant reason for policy change is to encourage shorter papers, since publication costs are largely per-page.
  - However, there have been complaints.
    - The “good-faith” submitted two column version has expanded after administrative editors have worked on it
    - One case: 12 pages became 19 pages!!
    - We are addressing this issue.

# Concern – Business Editor

- Up to 12/11 the BE was Jose Bolanos.
- In the absence of anyone else volunteering, Willett took over and submitted invoices.
- However, IEEE (Aileen Geary) already does this for us.
  - Some authors asked why the bill was being repeated.
- Bottom line is that we do need a business editor, but that the duties can be lighter than I thought:
  - Vet and check Allen Press spreadsheets for mandatory page charges and send them to IEEE.
  - Monitor payment.
  - Contact non-paying authors.
  - Interact with TAES website to put hold on non-paying authors' papers.

# Concern – Subscriptions

- The new IEEE renewal web page interface makes it difficult (multi-step with a look-for-it mentality) for authors to pay the extra to subscribe to the Transactions.
- Would be easy to fix:
  - Initial request to IEEE had response “We have had many compliments on our new interface.”
  - Second request was ignored for months.
  - Third request was apparently rejected.
- But we are not getting help from IEEE.
  - Lost revenue, shows up in budget.
- A screen-shot from a typical Renewal page is on the next slide.
  - See the difference between AESS and SPS membership.

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# Concern – Budget Variances

- Thanks to Ron, Frank, George and Denise Hurley at IEEE for helping me to understand the issues.
- Transactions in 2011: A profit of 240k was forecast, and only 70k was booked. (The Magazine roughly met its budget.)
- First Variance: Electronic Subscriptions.
  - This went down from 118k (budgeted) to 42.5k. The figure 118k was not unreasonable in light of the fact that in 2010 the sum of print and print/electronic was 110k. This drop-off was rather large, and I do not understand it.
  - However, Denise seemed to indicate that it was not out of line with what she is seeing at many societies.
  - Not helped by IEEE Renewal interface.

# Concern – Budget Variances (cont.)

- Second variance: Press Work (Print)
  - we went from 42k budgeted "Press Work (Print)" to an expense of zero 😊
  - I have to assume, given that this was budgeted as an expense for "printing" of an electronic journal it was actually intended toward shipping of things like Tutorials to conferences etc.
  - I gather from Denise that this now appears on tab 1499 (a 40k expense). So ... unfortunately ...
- this is a wash 😞

# Concern – Budget Variances (cont.)

- Third variance: Publications Expenses (editor & composition)
  - Budgeted as 80k & 89k and coming in at 147k & 177k.
    - This is a significant deviation from expected.
    - The two fees work out to (roughly and on average over the years 2006 to 2010) \$60 and \$45 per page.
  - But for 2011 these were apparently budgeted to be \$26 and \$29 per page.
    - Our *actuals* were \$57 per page and \$49 per page, pretty much what we've had in the past.
  - 2012 budgeted figures are about \$22 and \$24 per page
    - Expect \$60 and \$45.
    - Expect same situation next year: the 2012 budget figures are way lower than the actuals will be.
  - In 2013 the budget is for \$32 and \$29 per page.
    - 2013 will have a significant variance as well.

# Concern – Open Access

- Originally OA was option: \$3000 per paper.
- Now we are a “hybrid journal”: \$1750 per paper.
  - This is IEEE directive.
  - No difference between Regular and Correspondence.
  - Page charges will still be collected, IEEE says page charges are orthogonal to OA.
- We were required to put OA language at several places in the website.
  - AESS complied.
  - IEEE has hired an outside contractor to monitor compliance.
- My feeling is that IEEE will go toward all-OA.

# Pure Speculation about OA

- The OA charge sharing will be neutral for AESS (?).
  - Our two-year impact factor is low, but the eventual citations (reflected in “half-life”) is very good.
- Academic submissions will suffer.
  - Senior faculty will pad their grants with OA page charge budget items.
  - It really is not much different from conference “page charges”.
  - Junior faculty will suffer since grant/publication “Catch 22”.
- Industrial submissions will decrease significantly.
  - Employer support for publication is not enthusiastic.
- I don’t know how the the price on extant IEL will change with OA.
  - Presumably the charges will drop (?).