

IEEE AESS Publications Report

Board of Governors' Meeting
St. Louis, Missouri
September 18th, 2014
Peter Willett, IEEE AESS VP Publications
(presented by W. Dale Blair)

Strategic Plan September 2014

- **Strategic Mission:**

- **IEEE AESS Publications supports its members with high quality information in various forms for successful continuation and growth of their career.**

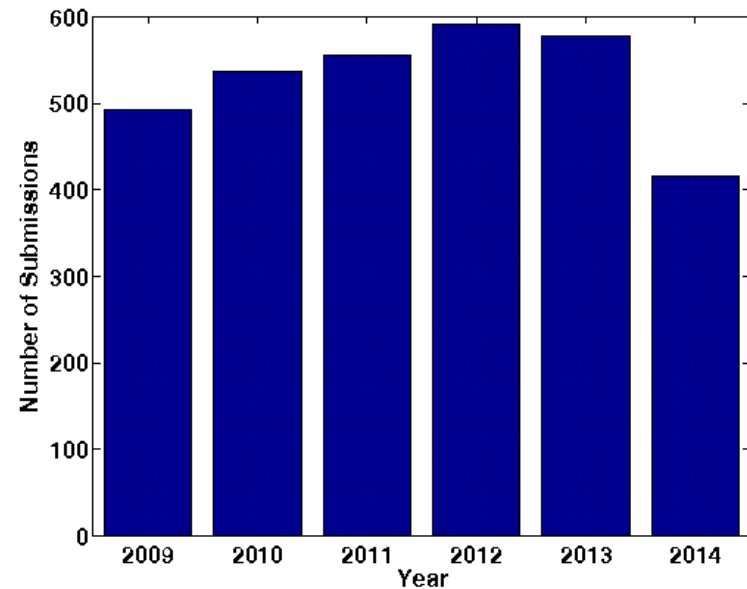
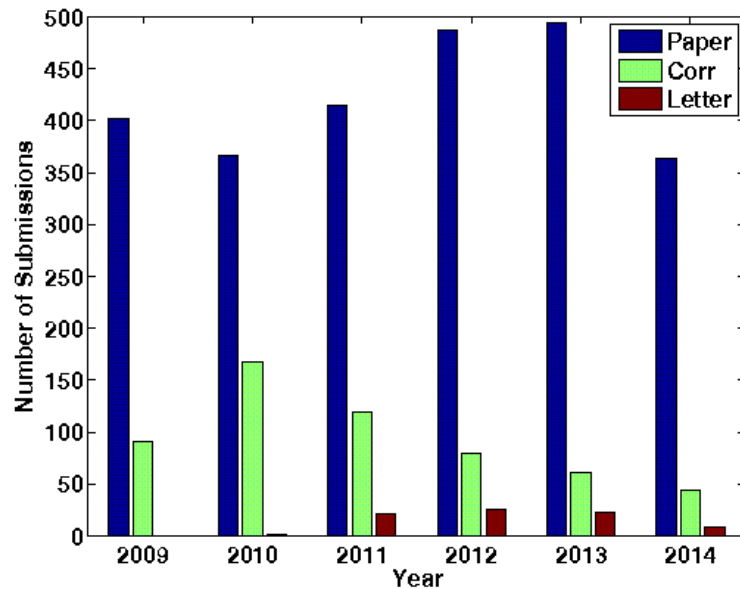
- **Strategic Vision:**

- *IEEE AESS Publications will be the primary source of aerospace professionals for aerospace information related to recent research, state of practice, tutorials, surveys, student activities, and current activities.*

AESS Publications

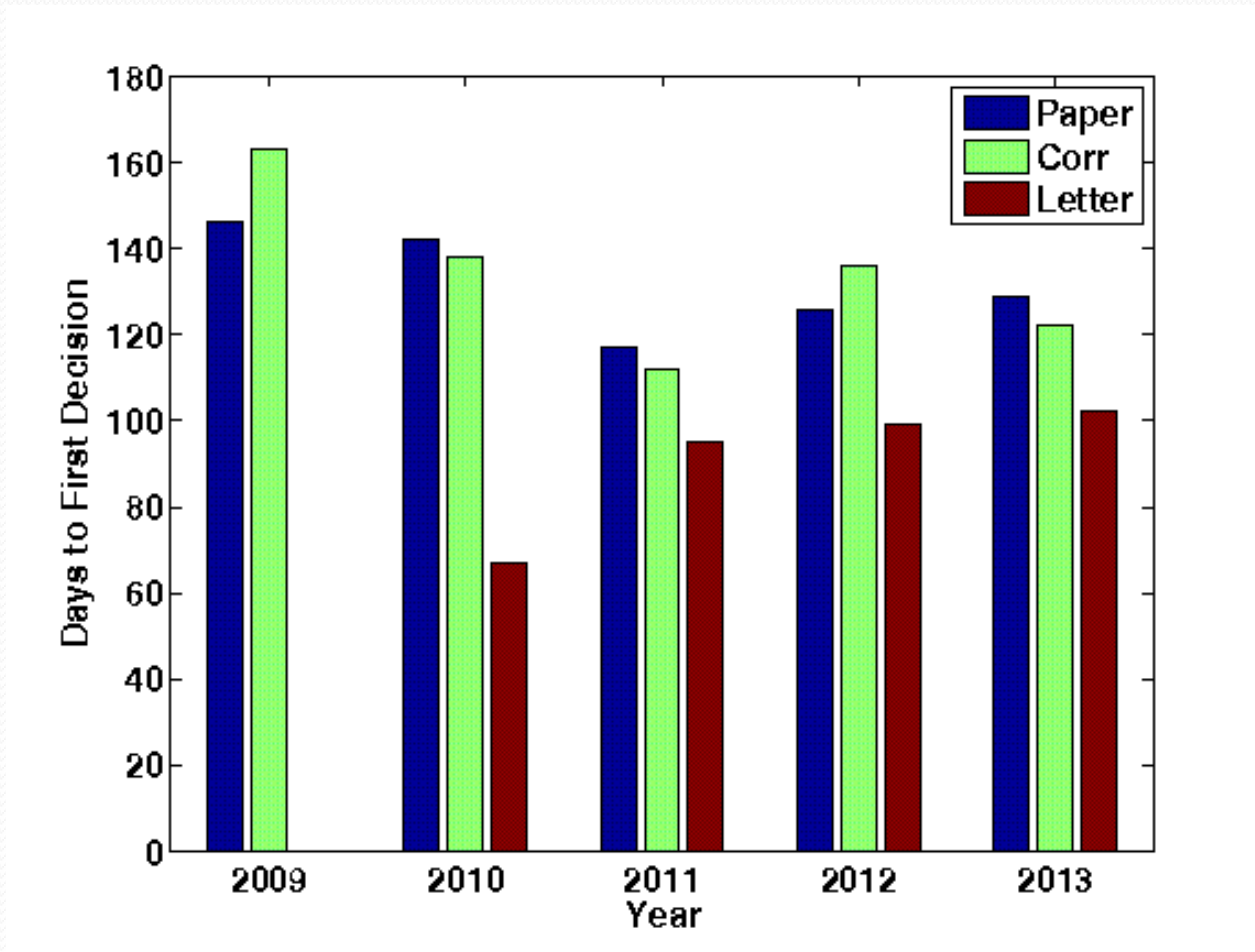
AESS Transactions
Fall 2014 BoG Report
Lance Kaplan

Number of Submissions

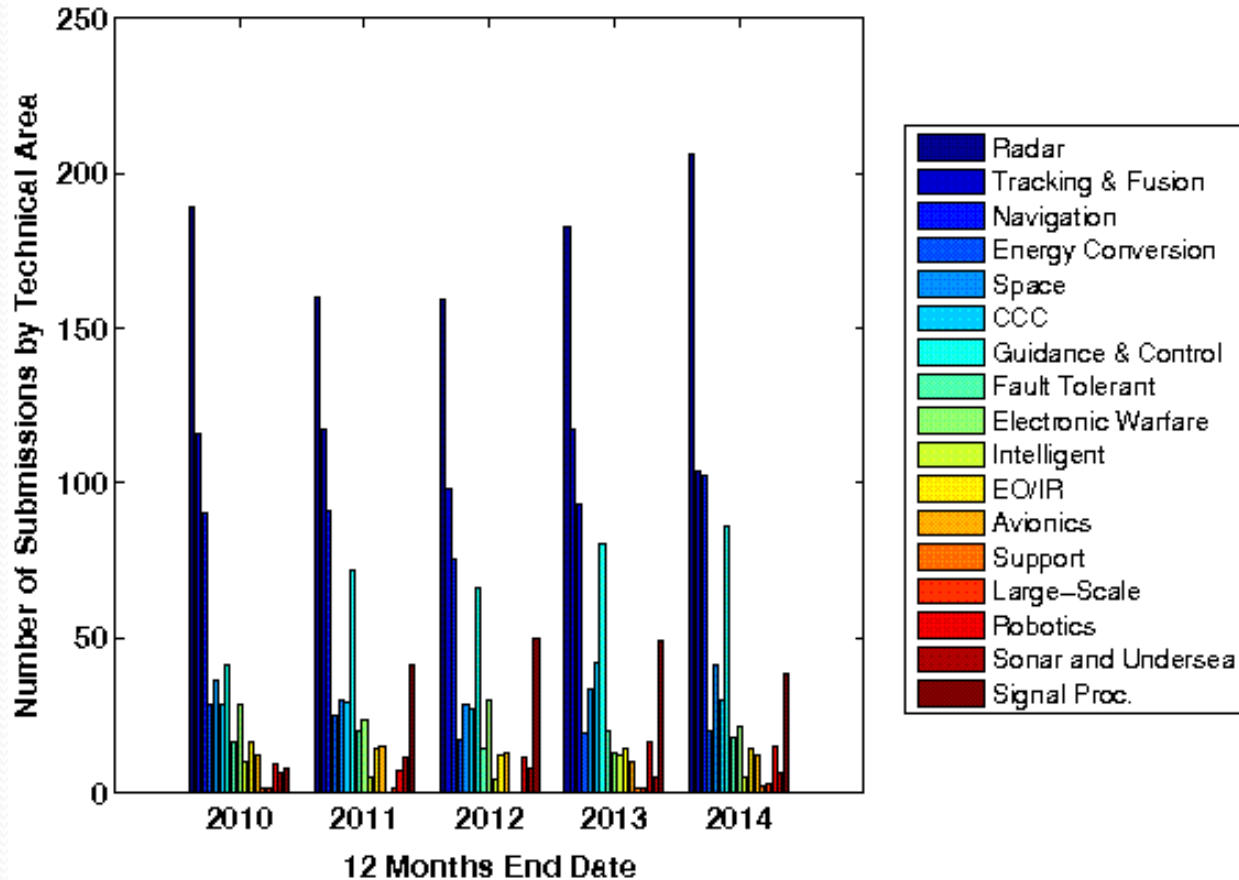


Presumably the lowering of the number of correspondence submissions reflects betting-hedging by authors following the implementation of over-length page-charges.

Time to First Decisions



Submissions by Technical Area



IEEE Policy News

- IEEE Xplore
 - April 2014 issue posted on July 22
 - July 2014 issue delivered on August 26 and should be posted by September 16
 - October 2014 issue should be delivered by mid-October
 - There have been issues with posting of articles on Xplore due to change in IEEE tagging requirements. TAES has to some extent been the guinea pig for IEEE with respect to their outside publications
- Working on rapid posting on IEEE Xplore
- PRAC
 - Review Rescheduled for February 2015.
 - Willett will coordinate.
- 2011 Barry Carlton Award
 - Will be announced by the end of September in time for the October issue
 - Accepting nominations for 2012 award (and beyond)

Editors

- Resignations
 - Daniel Aloï (Navigation TE)
 - Wayne Blanding (Signal Processing TE)
- New Appointees
 - Yu (Jade) Morton (Navigation TE)
 - Kainam Thomas Wong (Signal Processing TE)
 - Guillaume Ducard (Fault Tolerant Systems AE)
 - Tal Shima (Guidance & Control Systems AE)

AE Performance

Name	Time to first report (days)			Final disposition of papers reaching first report						Total	Acceptance Rate (%)
	Average	Max	Min	Accept	Reject	Revise	Withdraw n	No Decision			
Abramovich, Yuri	0	0	0	0	0	0	0	0	0	0	0
Adve, Raviraj	113	189	8	3	7	14	0	5	15	30	
Akella, Maruthi R.	185	317	76	1	1	2	0	3	5	50	
Aloi, Daniel	166	345	39	3	8	0	0	6	17	27	
Baker, Chris	180	317	109	5	1	11	0	14	20	83	
Bell, Mark	0	0	0	0	0	0	0	0	0	0	
Blair, William	0	0	0	0	0	0	0	0	0	0	
Blanding, Wayne	129	262	55	4	7	5	0	2	13	36	
Blanke, Mogens	101	243	0	2	4	8	0	2	8	33	
Blunt, Shannon	89	125	66	4	7	9	0	4	15	36	
Braasch, Michael	0	0	0	0	0	0	0	0	0	0	
Campbell, Mark E.	0	0	0	0	0	0	0	0	0	0	
Choukroun, Daniel	0	0	0	3	0	1	0	0	3	100	
Coraluppi, Stefano	127	248	16	2	5	3	0	1	8	29	
Dempster, Andrew	123	225	66	8	4	21	0	7	19	67	
Ducard, Guillaume	0	0	0	0	0	0	0	1	1	0	
Efe, Murat	107	222	0	1	7	0	0	6	14	13	
Gebre-Egziabher, Demoz	0	0	0	0	0	0	0	0	0	0	
Ghose, Debasish	161	200	77	3	4	1	0	3	10	43	
Gini, Fulvio	91	196	69	6	5	8	0	4	15	55	
Goodman, Nathan	162	237	25	7	6	5	0	6	19	54	
Govaers, Felix	110	110	110	0	1	0	0	4	5	0	
Groves, Paul	0	0	0	3	0	3	0	0	3	100	
Gustafsson, Fredrik	0	0	0	0	0	0	0	0	0	0	
Hablani, Hari	0	0	0	0	0	0	0	0	0	0	
Hanebeck, Uwe	99	173	55	0	8	0	0	3	11	0	
Hary, Stephen	217	229	205	1	0	1	0	0	1	100	
Hwang, Inseok	116	213	70	1	4	4	0	0	5	20	
Idan, Moshe	95	187	3	2	5	5	0	4	11	29	
Jah, Moriba	96	201	13	1	2	3	0	0	3	33	
Jauffret, Claude	162	372	89	3	0	2	1	2	6	100	
Kaplan, Lance	44	268	0	11	30	17	0	2	43	27	
Karaman, Sertac	116	180	75	1	5	6	0	3	9	17	

AE Performance (Cont)

Name	Time to first report (days)			Final disposition of papers reaching first report						Total	Acceptance Rate (%)
	Average	Max	Min	Accept	Reject	Revise	Withdraw n	No Decision			
Khorasani, K.	147	195	119	1	1	1	0	1	3	50	
Koch, Wolfgang	224	270	152	2	0	1	0	3	5	100	
Krishnamurthy, Vikram	0	0	0	0	0	0	0	0	0	0	
Kwon, Heesung	168	280	95	5	3	4	0	5	13	63	
Lachapelle, Gerard	0	0	0	0	0	0	0	0	0	0	
Lee, Jim	0	0	0	0	0	0	0	0	0	0	
Li, Junfeng	78	110	48	3	3	1	0	4	10	50	
Lombardo, Pierfrancesco	203	354	95	4	4	5	0	10	18	50	
Luginbuhl, Tod	304	423	265	3	0	2	0	0	3	100	
Marano, Stefano	103	228	65	8	3	11	0	1	12	73	
Maskell, Simon	155	204	92	0	2	3	0	3	5	0	
Matta, Vincenzo	102	144	67	0	1	2	0	2	3	0	
Mazumder, Sudip	0	0	0	0	0	0	0	2	2	0	
Michelson, Robert	0	0	0	0	0	0	0	0	0	0	
Mihaylova, Lyudmila	155	302	68	5	4	4	0	7	16	56	
Mori, Shozo	105	105	105	0	1	0	0	5	6	0	
Mortari, Daniele	98	124	74	2	1	2	0	0	3	67	
Morton, Jade	181	374	18	4	5	6	0	8	17	44	
Nakasuka, Shinichi	222	262	193	3	0	1	0	3	6	100	
Narayanan, Ram	86	123	51	3	5	5	0	2	10	38	
Nickel, Ulrich	0	0	0	1	0	0	0	0	1	100	
Pace, Phillip	96	182	65	2	0	10	0	1	3	100	
Patterson-Hine, Ann	0	0	0	0	0	0	0	0	0	0	
Polivka, William	14	156	0	1	10	1	0	2	13	9	
Pullen, Sam	0	0	0	1	0	1	0	0	1	100	
Rangaswamy, Muralidhar	176	176	176	1	0	2	0	2	3	100	
Rice, Michael	135	313	1	5	6	4	0	6	17	45	
Robertazzi, Thomas	132	216	32	3	0	14	0	0	3	100	
Rodrigues, Luis	154	268	99	0	4	2	0	3	7	0	
Ruggieri, Marina	0	0	0	0	0	0	0	0	0	0	
Saleh, Joseph	67	145	4	4	3	4	0	1	8	57	
Salmond, David	0	0	0	0	0	0	0	0	0	0	
San Antonio, Geoffrey	190	300	28	0	1	2	0	4	5	0	

AE Performance (Cont)

Name	Time to first report (days)			Final disposition of papers reaching first report						Acceptance Rate (%)
	Average	Max	Min	Accept	Reject	Revise	Withdraw n	No Decision	Total	
Shima, Tal	0	0	0	0	0	0	0	4	4	0
Tague, John	64	132	0	3	1	3	0	0	4	75
Tahk, Min-Jea	133	283	0	1	3	4	0	3	7	25
Tsourdos, Antonios	181	194	156	0	1	2	0	3	4	0
Veerachary, Mummadi	91	119	76	1	1	2	0	1	3	50
Vladimirova, Tanya	194	271	80	2	2	1	0	4	8	50
Vo, Ba-Ngu	155	287	63	1	4	5	0	2	7	20
Watts, Simon	126	204	39	7	6	13	0	10	23	54
Willett, Peter	0	0	0	0	0	0	0	0	0	0
Wong, Kainam Thomas	89	194	63	3	10	5	0	7	20	23
Yu, Kegen	99	180	17	2	12	9	0	9	23	14

Submissions by Country

IEEE Transactions on Aerospace and Electronic Systems Manuscripts by Country Report September 2010 - August 2012		
Country*	Total Manuscripts	Acceptance Rate
中国	1	100%
Algeria	5	20%
Argentina	1	0%
Australia	41	55%
Austria	2	50%
Belgium	2	50%
Brazil	5	20%
Canada	48	35%
Chile	1	0%
China	301	20%
Colombia	1	0%
Denmark	3	33%
Egypt	4	33%
Finland	6	50%
France	32	59%
Germany	20	80%
Greece	3	20%
Hong Kong	17	58%
India	27	25%
Iran	29	23%
Ireland	1	100%
Israel	11	50%
Italy	30	63%
Japan	9	29%
Korea	10	38%
Korea (south), Republic	34	45%
Korea, Republic Of	1	0%
Malaysia	3	0%
Malta	1	0%
Mexico	1	100%
Montenegro	2	100%
Netherlands	5	20%
New Zealand	2	0%
Norway	1	0%
P. R. China	6	0%
P.r.china	1	0%
Pakistan	4	0%
People's Republic Of Ch	3	33%
Poland	5	25%
Portugal	2	0%
P.R.China	2	100%
Rep. Of Korea	2	0%
Romania	5	25%
Russia	5	80%
Saudi Arabia	5	50%
Serbia And Montenegro	3	33%
Singapore	13	23%
Slovak Republic	2	50%
Slovenia	1	0%
South Africa	5	20%
South Korea	18	22%
Spain	23	36%
Sweden	10	89%
Switzerland	5	40%
Taiwan	23	17%
Tunisia	2	0%
Turkey	18	25%
U.s.	1	100%
U.s.a.	1	100%
United Kingdom	26	36%
United States of Americ	199	58%
Vietnam	1	100%
Warsaw	11	0%
Unknown	11	55%
TOTAL	1065	38%

IEEE Transactions on Aerospace and Electronic Systems Manuscripts by Country Report September 2012 - August 2014		
Country*	Total Manuscripts	Acceptance Rate
中国	2	0%
-	2	100%
Algeria	9	43%
Argentina	1	0%
Australia	28	55%
Bangladesh	5	0%
Belgium	1	0%
Brazil	9	17%
Canada	38	50%
Chile	1	0%
China	323	14%
Czech Republic	6	20%
Egypt	8	0%
Finland	4	33%
France	32	38%
Germany	22	58%
Greece	4	33%
Hong Kong	9	71%
India	51	5%
Iran	44	25%
Iraq	1	0%
Israel	9	29%
Italy	39	57%
Japan	8	43%
Jordan	1	0%
Kazakhstan	1	0%
Korea	6	33%
Korea (south), Republic Of	58	26%
Korea Republic	1	0%
Malaysia	2	0%
Malta	1	0%
Mexico	2	0%
Netherlands	7	50%
New Zealand	1	0%
Nigeria	1	0%
Norway	1	0%
Oman	1	0%
P. R. China	6	0%
P.r.china	1	0%
Pakistan	12	29%
Poland	4	67%
Portugal	2	0%
P.R.China	1	100%
Qatar	1	0%
Rep. Of Korea	2	100%
Romania	4	0%
Russia	3	0%
Saudi Arabia	4	0%
Scotland - United Kingdom	1	0%
Serbia And Montenegro	2	0%
Singapore	19	33%
Slovak Republic	1	0%
Slovenia	2	0%
South Africa	5	30%
South Korea	13	22%
Spain	13	13%
Sri Lanka	1	0%
Sweden	5	0%
Switzerland	1	100%
Taiwan	12	11%
Tunisia	1	0%
Turkey	14	29%
U.s.a	1	0%
United Arab Emirates	1	0%
United Kingdom	26	44%
United States of America	256	42%
Venezuela	2	0%
Unknown	10	33%
TOTAL	1165	28%

AESS Publications

AESS Magazine
Fall 2014 BoG Report
Teresa Pace

Magazine Status

- Highly motivated and talented editorial board
 - Being on the board is not just a matter of indicating interest
 - Potential candidates can be self nominated or nominated by another board member
 - Qualifications are scrutinized
 - Executive SMEB follows members activity and updates the team as needed
- Monthly telecons for editorial board to review upcoming material with Allen Press and IEEE Advertising
 - News and Info are starting to be included here as well for review (thus news needs to come in ASAP)
 - Advertising wants to know when and what will be published – for example, if a Boeing system is highlighted on the cover or in an article, Susan wants to contact Boeing to see if they want an ad
- Include upcoming articles on the website to entice potential readers

Continuous Improvement

- Entirely digital (everything goes through ejournal website now)
- Magazine includes:
 - Peer reviewed Manuscripts
 - Award Summaries and Articles
 - Tutorials
 - Interview articles
 - News and Information
 - History Articles*
 - Student highlights
 - Advertisements (as available)
 - Special issues
 - Book Reviews
 - Calls for Papers (CFPs)
- Incorporate strict quality control to ensure interesting, relevant, high value manuscripts
- December issue was previously mostly an indexing issue, now will be a Part II of a regular issue and will be delivered in Feb to avoid delay of December delivery

* -- Women Airforce Service Pilots (WASPs) in WWII upcoming includes interviews of actual pilots

Seeking New Ways to Engage/Involve Students

(Our version of STEM)

1) Student *Project* Highlights

Student project highlights are short 2-3 page articles that showcase student projects.

2) Student *Research* Highlights

Student research highlights are typically submitted by graduate students working on a Master's thesis or Doctoral dissertation.

3) Student *Activity* Highlights

Student activity highlights is a more broad section and can include activities that students at any level are doing that are relevant or would be of interest to our readers. They do not have to be written by students but must be about students and an activity they participated in.

March 2014 Paper published on Student Activity Highlight: "Engineering in High School" (Bob Rassa, Vol 29, Number 3)

- Students featured on the cover of the magazine

Advertising

- VP Pubs, Peter Willett, is working directly with Susan Schneiderman from IEEE (no cost to AESS for this service)
- Have created Systems Magazine advertising slicks
 - Includes information about magazine and the cost of publishing in the magazine
 - To be presented at conferences where AESS has a booth
- First listed Advertising Sales Offices in August 2014 issue (pg 9)
 - Future issues will have this information toward the back of the magazine

Special Issues and Tutorials

- No more than 2 Special Issues per year
 - Perspective guest editors must provide list of potential authors and titles to the SMEB to ensure viability of issue
- In 2014
 1. Special Issue on“Signal Processing for Remote Sensing”, July 2014
 2. Tutorial VII, August issue, Vol 29 Number 8 Part II
 1. New updated format/look for the tutorial
 2. Includes part 1 and 2 of 3 for Basic Tracking Using Nonlinear 3D Monosratic and Bistatic Measurements as well as Coherent MIMO Radar
- In 2015
 - Special Issue Topics Being Considered are:
 - Avionics Systems
 - Big Data
 - Tutorial VIII scheduled for February
 - Article on nonlinear estimation (Crouse)
 - Article on navigation (Groves)*
 - Dale Blair will become new tutorial editor

* thanks to George for encouraging this article

AESS Publications

AESS Quarterly Email Blast

Fall 2014 BoG Report

Bill Walsh

AESS Quarterly Email Blast (QEB)

- The AESS QEB has been published 4 times per year and it is sent to AESS people by email on the first day of:
 - January
 - April
 - July
 - October
- **AIMS**
 - QEB is a fundamental tool to promote AESS among the youngest people (Student members, GOLD ones)
 - In the scenario of different levels of membership, QEB is inserted in the basic version: in this way, people can have a VISION of AESS society
 - QEB is useful to anticipate the new articles to be published in the System Magazine
 - QEB is a useful tool to promote the GOLD and student activities
 - QEB promotes IEEE AESS Workshops and Conferences and to inform about open positions in Industry or Academy

● CONTENT

- President's Message
- Society News
- Conferences
- Education
 - EVTS
 - Distinguished Lecturer Program
 - GOLD for GOLD Lecturers
- Industry Relations
- Membership
 - Awards
 - Chapter News
 - Student Activities
- Publications
 - Systems Magazine
 - Transactions
 - Tutorials
 - Website
- Technical Operations

● NOTES

- Bill Walsh appointed Editor-In-Chief for QEB in January 2014
 - Objective to provide links to articles and other items as part of a true electronic newsletter.
 - Tying into Systems Magazine News and Information.
 - Making QEB accessible through social networking.
- Added feature: Chapter Corner

AESS Publications Operating Budget

2014 Budget Expenses Summary
January - August 2014

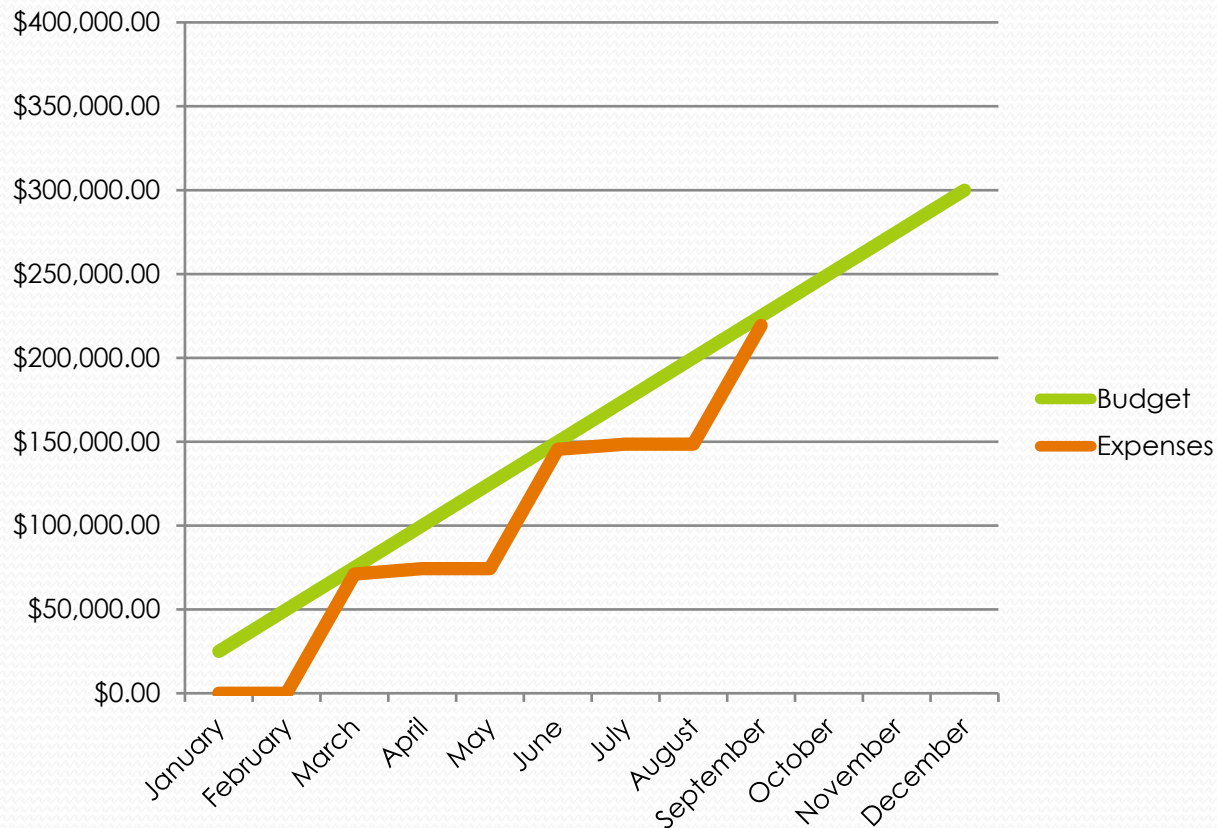
2014 Budget Expenses Estimate

AES Transactions

- Allen Press (AE-T) - \$284,000
 - 1st year of 3 year contract for integrated services
 - Managing Editing, Copy Editing, Typesetting, XML tagging
- Precision Computer Works (EJP) - \$15,000
 - eJournal Database
- Total for 2013: \$299,000
 - Does not include IEEE-related expenses attributed to Transactions (e.g. various purchase services, XPLORE, etc.)
 - Comparative expenses for 2013: \$330,007
 - EJP estimate covers work for *Systems Magazine* as well

AES Transactions

Expenses – Estimated vs. Actual



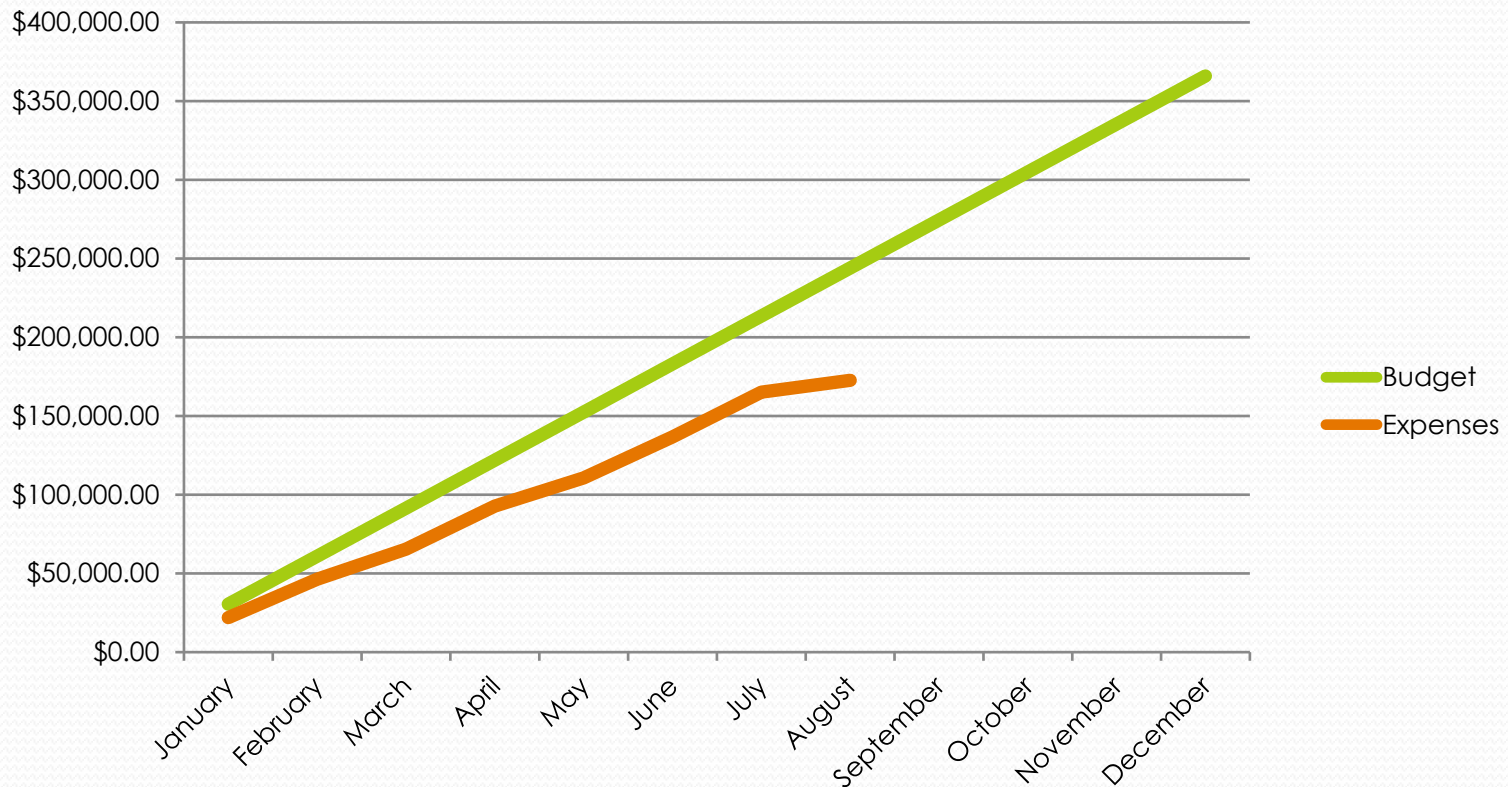
2014 Budget Expenses Estimate

AES Systems Magazine

- Allen Press (AP-S) - \$311,100
 - Publication & Delivery Services
- Administrative Costs - \$55,000
 - Administrative, Financial, Editorial
- Total for 2013: \$366,100
 - Does not include IEEE-related expenses attributed to Transactions (e.g. various purchase services, XPLORE, etc.)
 - Comparative expenses for 2012: \$360,000 (Difference is 2% escalation for Year 2 of Allen Press contract).
 - SJW & DD estimate covers work for *Transactions Journal* as well

AES Systems Magazine

Expenses – Estimated vs. Actual



Backup Slide

Summary of Expenses

SYSTEMS	January	February	March	April	May	June	July	August	September
Allen Press	\$20,323.91	\$16,878.41	\$17,415.87	\$17,137.67	\$16,211.62	\$18,486.68	\$23,238.31		
SJW		\$5,833.35		\$5,833.35		\$5,833.35		\$5,833.35	
DBD	\$1,667.00	\$1,667.00	\$1,667.00	\$1,667.00	\$1,667.00	\$1,667.00	\$1,667.00	\$1,667.00	
AP - Other				\$2,704.07			\$3,615.55		
Totals	\$21,990.91	\$24,378.76	\$19,082.87	\$27,342.09	\$17,878.62	\$25,987.03	\$28,520.86	\$7,500.35	\$0.00

TRANSACTIONS	January	February	March	April	May	June	July	August	September
Allen Press			\$71,125.01			\$71,164.78			\$70,803.21
EJPress				\$3,220.00			\$3,015.00		
Totals	\$0.00	\$0.00	\$71,125.01	\$3,220.00	\$0.00	\$71,164.78	\$3,015.00	\$0.00	\$70,803.21