

IEEE AESS Publications: Status

**W. Dale Blair, VP Publications
Marriott Hotel
Rome, Italy**

September 25, 2015

Outline

- Overview of AESS Publications – Dale Blair
- T-AES Report – Lance Kaplan
- AES-M Report – Sabrina Greco
- QEB Report – Bill Walsh
- AESS Web Site – Dale Blair
- Administrative Editor Report – Bill Walsh
 - Income, Expenses, and Budgets
 - Magazine Vendor Selection
- Business Editor – Jose Bolanos
- Other Issues

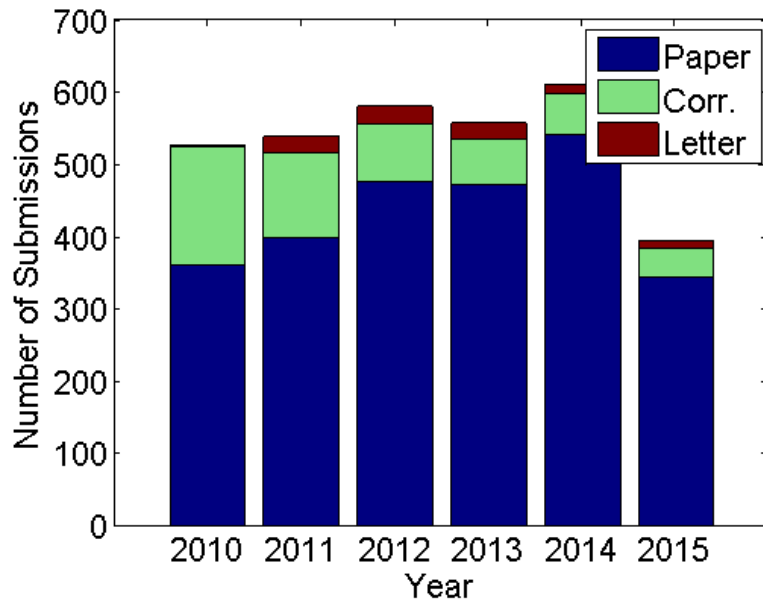
AESS Publications Initiatives

- (1) XML Tagging of submissions to the transactions at submission for early posting on IEEE Xplore
 - EJ Press were to deliver beta product in July 2015 – waiting on IEEE standard
- (2) Establish and Implement Term Limits for Editors of the Transactions
 - Complete for TEs by end of 2015 – on track
 - Complete for AEs by end of 2016
- (3) Implement advertising plan in the magazine
 - Soliciting advertisers
 - Coordinate content with advertisers
- (4) Increase the presence of student activities in the magazine.
 - Student editors
 - Student highlights
- (5) Improve the Operations of Editorial Board for the Magazine.
 - Develop Operations Manual for the magazine
 - Improve training of the editors for the magazine
- (6) Increase industrial participation in AES publications
 - New magazine column: “Industry Tips and Insights”
 - Plan special issues around industrial needs
- (7) Provide list of authors who are not members to George (VP Member Services) for Invitation Letter

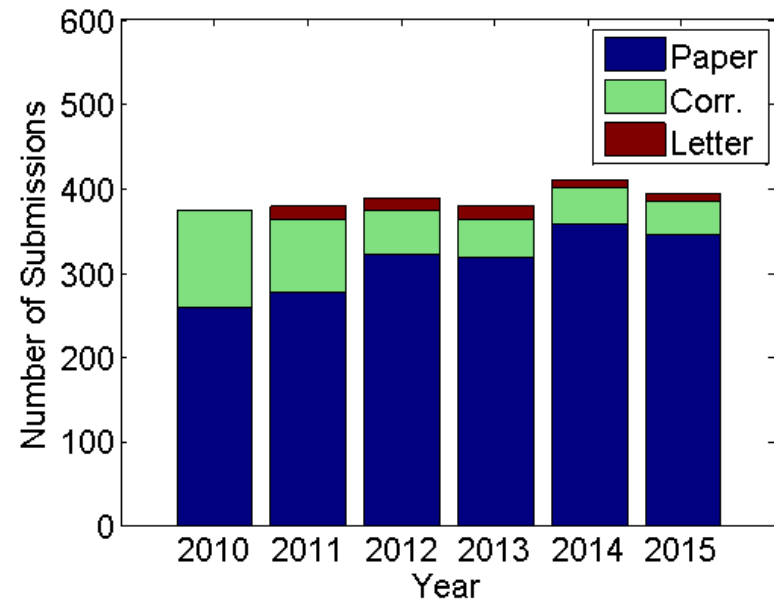
Status of the Transactions

Lance Kaplan, EIC

Number of Submissions

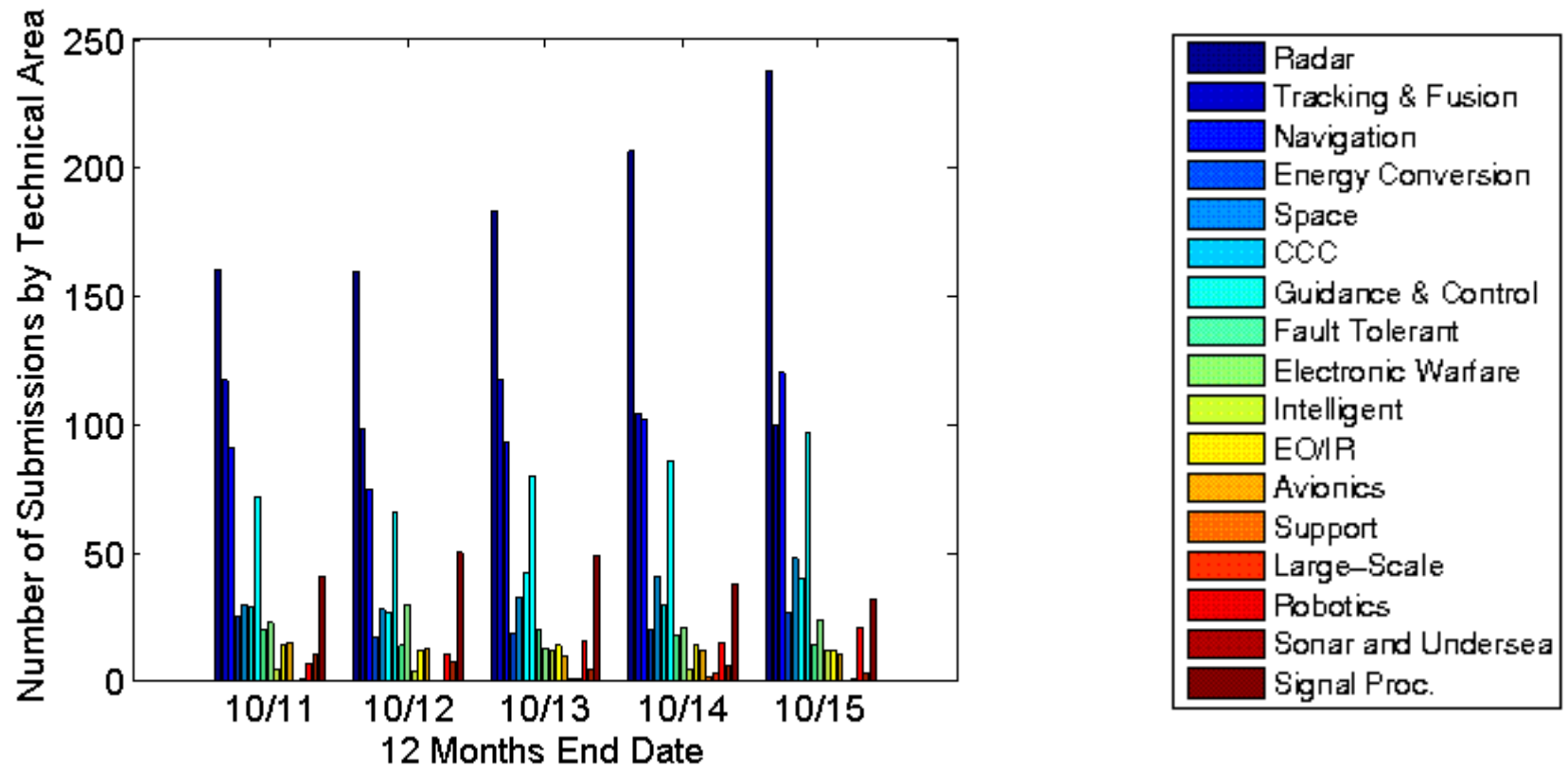


Full Year

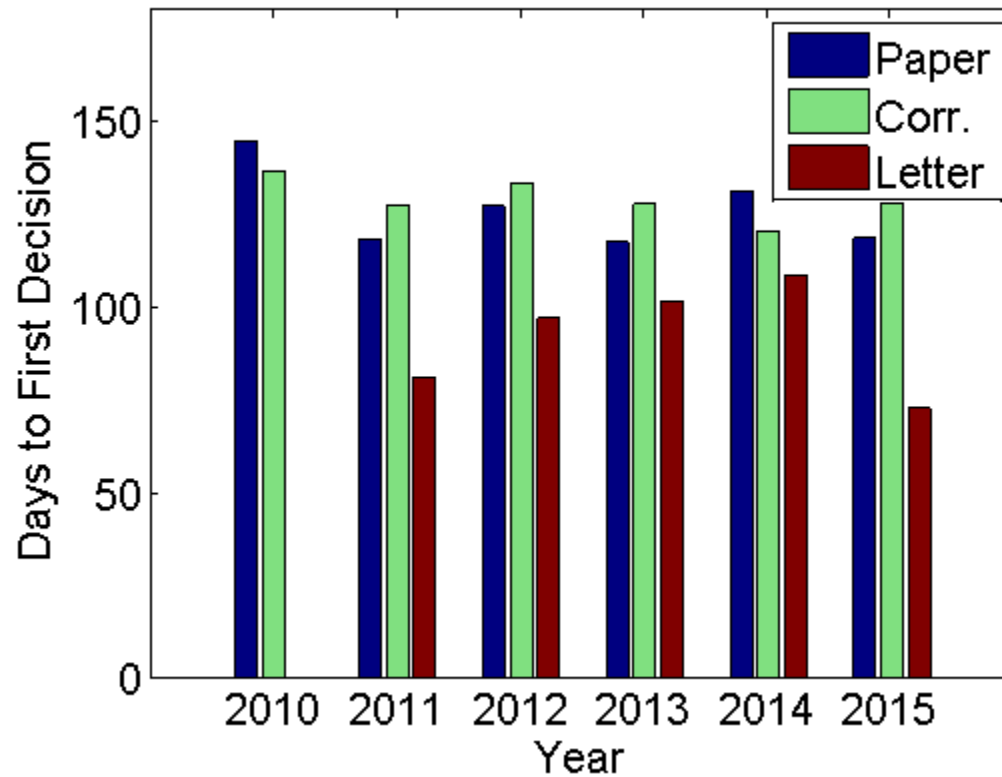


Eighth Month

Submissions by Technical Area



Time to First Decisions



IEEE Policy News

- IEEE Xplore
 - July 2015 issue has NOT been posted
- EJPress Post-Acceptance Workflow
 - Still under development
 - Automatic generation of early access PDFs:
 - Need to work on better cooperation between IEEE and EJPress
- M. Barry Carlton Award
 - 2011 Award decision is still in process (waiting for input by VP of Publications)
 - 2012 Award process will start in October
 - Accepting nominations for 2013 and beyond

Editors

- Resignations
 - Thomas Robertazzi (Intelligent Systems/CCC AE)
- New Appointees
 - Keith Davidson (Sonar Systems AE)
 - Khanh Pham (Intelligent Systems AE)
 - Prashant Pillai (CCC AE)
 - Alexander Charlish (Radar AE)
 - Jon Wallace (CCC AE)
 - Tricia Willink (CCC AE)

2015 TE Departures

- Muralidhar Rangaswamy (Radar Systems)
 - Marina Ruggieri (Space Systems)
 - William Polivka (Energy Conversion Systems)
 - Thomas Robertazzi (Intelligent Systems)
 - John Tague (Sonar Systems)
-
- Can we provide plaques in recognition of their tremendous service?

AE Performance

Name	Time to first report (days)			Final disposition of papers reaching first report					Total	Acceptance Rate (%)
	Average	Max	Min	Accepted	Rejected	Decision to Revise	Withdrawn	No Decision		
Abramovich, Yuri	0	0	0	0	0	0	0	0	0	0
Adve, Raviraj	126	204	54	3	11	9	0	7	21	21
Akella, Maruthi R.	156	322	0	3	4	4	0	4	11	43
Abi, Daniel	237	273	119	1	0	3	0	0	1	100
Baker, Chris	184	412	84	12	1	9	0	1	14	92
Blair, William	0	0	0	0	0	0	0	0	0	0
Blanding, Wayne	132	145	120	4	0	0	0	0	4	100
Blanke, Mogens	92	138	61	4	2	5	0	1	7	67
Blunt, Shannon	83	115	33	5	6	6	0	6	17	45
Campbell, Mark E.	0	0	0	0	0	0	0	0	0	0
Charlish, Alexander	28	28	28	0	1	0	0	5	6	0
Choukroun, Daniel	0	0	0	0	0	0	0	0	0	0
Coraluppi, Stefano	169	169	169	2	0	0	0	1	3	100
Davidson, Keith	0	0	0	0	0	0	0	0	0	0
Dempster, Andrew	142	259	72	6	2	12	0	7	15	75
Ducard, Guillaume	134	145	124	0	1	0	0	0	1	0
Efe, Murat	120	244	0	4	7	5	0	2	13	36
Ghose, Debasish	130	209	14	0	2	3	0	2	4	0
Gini, Fulvio	109	207	64	5	3	15	0	5	13	63
Goodman, Nathan	162	250	74	5	8	5	1	8	22	38
Govaers, Felix	111	250	12	3	2	2	0	1	6	60
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	116	240	28	0	7	0	0	3	10	0
Hary, Stephen	0	0	0	0	0	0	0	0	0	0
Hwang, Inseok	140	212	102	2	2	4	0	2	6	50
Idan, Moshe	116	167	8	4	3	1	0	1	8	57
Jah, Moriba	156	193	103	2	1	3	0	3	6	67
Jauffret, Claude	475	646	282	1	0	1	0	0	1	100
Joerger, Mathieu	103	193	2	1	5	10	0	1	7	17
Kaplan, Lance	104	170	68	9	3	11	0	4	16	75
Karaman, Sertac	137	220	106	5	3	2	0	10	18	63
Khorasani, K.	447	465	430	1	0	0	0	3	4	100
Koch, Wolfgang	308	550	50	2	0	2	0	3	5	100

AE Performance (Cont)

Name	Time to first report (days)			Final disposition of papers reaching first report					Total	Acceptance Rate (%)
	Average	Max	Min	Accepted	Rejected	Decision to Revise	Withdrawn	No Decision		
Krishnamurthy, Vikram	0	0	0	0	0	0	0	0	0	0
Kwon, Heesung	112	152	72	4	2	4	0	4	10	67
Lachapelle, Gerard	0	0	0	0	0	0	0	0	0	0
Lee, Jim	0	0	0	0	0	0	0	0	0	0
Lee, Young	92	124	9	2	6	7	0	2	10	25
Li, Junfeng	135	241	68	5	2	3	0	2	9	71
Lombardo, Pierfrancesco	200	466	102	5	3	12	0	10	18	63
Luginbuhl, Tod	0	0	0	1	0	1	0	0	1	100
Marano, Stefano	97	135	81	3	5	8	0	0	8	38
Maskell, Simon	144	204	23	0	1	6	0	2	3	0
Matta, Vincenzo	144	256	39	2	3	3	0	2	7	40
Mazumder, Sudip	162	162	162	1	0	0	0	0	1	100
Mihaylova, Lyudmila	140	277	2	7	5	6	0	3	15	58
Mori, Shozo	193	304	7	2	2	2	0	2	6	50
Mortari, Daniele	0	0	0	0	0	0	0	0	0	0
Morton, Jade	130	281	12	4	9	4	0	5	18	31
Nakasuka, Shinichi	201	337	100	4	0	4	0	3	7	100
Narayanan, Ram	97	130	69	8	4	14	0	7	19	67
Nickel, Ulrich	0	0	0	0	0	0	0	0	0	0
Pace, Phillip	119	287	71	3	4	9	0	4	11	43
Patterson-Hine, Ann	0	0	0	0	0	0	0	0	0	0
Pham, Khanh	0	0	0	0	0	0	0	0	0	0
Pillai, Prashant	0	0	0	0	0	0	0	0	0	0
Polivka, William	189	405	71	1	0	3	0	2	3	100
Pullen, Sam	0	0	0	0	0	0	0	0	0	0
Rangaswamy, Muralidhar	132	194	89	2	1	6	0	3	6	67
Rice, Michael	103	266	0	6	5	9	0	2	13	55
Robertazzi, Thomas	88	190	0	13	1	18	0	3	17	93
Rodrigues, Luis	131	180	72	1	2	5	0	1	4	33
Ruggieri, Marina	0	0	0	0	0	0	0	0	0	0
Sabatini, Roberto	0	0	0	0	0	0	0	2	2	0
Saleh, Joseph	50	145	0	2	5	6	0	1	8	29
Salmond, David	0	0	0	0	0	0	0	0	0	0
San Antonio, Geoffrey	251	326	132	3	0	4	0	3	6	100

AE Performance (Cont)

Name	Time to first report (days)			Final disposition of papers reaching first report					Total	Acceptance Rate (%)
	Average	Max	Min	Accepted	Rejected	Decision to Revise	Withdrawn	No Decision		
Shima, Tal	86	110	3	1	5	1	0	2	8	17
Tague, John	0	0	0	1	0	0	0	0	1	100
Tahk, Min-Jea	101	156	22	2	2	6	0	4	8	50
Tsourdos, Antonios	138	189	75	5	0	5	0	2	7	100
Veerachary, Mummadi	134	181	55	2	2	2	0	2	6	50
Vladimirova, Tanya	239	350	133	2	1	0	0	3	6	67
Vo, Ba-Ngu	205	390	57	3	2	2	0	3	8	60
Wallace, Jon	0	0	0	0	0	0	0	1	1	0
Watts, Simon	101	185	3	10	6	14	0	7	23	63
Willet, Peter	0	0	0	0	0	0	0	0	0	0
Wilink, Tricia	0	0	0	0	0	0	0	2	2	0
Wong, Kainam Thomas	80	142	35	2	17	4	0	4	23	11
Yu, Kegen	126	194	88	3	3	5	0	5	11	50
Zhu, Zhen	112	143	78	1	2	10	0	3	6	33

Submission by Country

Manuscript by Country Report September 2011 - August 2013			Manuscripts by Country Report September 2013 - August 2015		
Country*	Total Manuscripts	Acceptance Rate	Country*	Total Manuscripts	Acceptance Rate
中国	1	100%	中国	2	50%
Algeria	9	0%		3	67%
Argentina	1	0%	Algeria	7	43%
Australia	37	55%	Argentina	1	0%
Austria	1	100%	Australia	31	55%
Bangladesh	5	0%	Austria	2	0%
Belgium	3	33%	Bangladesh	2	0%
Brazil	9	0%	Belgium	1	0%
Canada	38	55%	Brazil	10	50%
Chile	1	0%	Canada	39	54%
China	319	17%	China	315	26%
Colombia	1	0%	Colombia	1	0%
Czech Republic	1	0%	Czech Republic	6	17%
Denmark	1	0%	Denmark	1	0%
Denmark	2	50%	Egypt	4	0%
Egypt	9	14%	Estonia	1	0%
Finland	6	40%	Finland	4	75%
France	31	65%	France	27	52%
Germany	25	68%	Germany	20	70%
Greece	7	25%	Greece	5	60%
Hong Kong	13	73%	Hong Kong	9	56%
India	32	8%	India	62	15%
Iran	37	25%	Iran	53	17%
Iraq	1	0%	Iraq	1	0%
Ireland	1	0%	Israel	9	56%
Israel	12	50%	Italy	35	60%
Italy	34	59%	Japan	6	33%
Japan	7	20%	Jordan	1	0%
Korea	9	29%	Kazakhstan	1	0%
Korea (south), Republic Of	52	32%	Korea	7	43%
Malaysia	2	0%	Korea (south), Republic Of	48	52%
Mexico	1	0%	Malaysia	2	0%
Netherlands	11	40%	Malta	1	0%
New Zealand	2	0%	Mexico	2	0%
Nigeria	1	0%	Netherlands	6	33%
P. R. China	5	0%	New Zealand	1	0%
P.r.china	1	0%	Nigeria	2	0%
Pakistan	11	0%	Norway	1	0%
People's Republic Of China	1	100%	Oman	1	0%
Poland	5	33%	P. R. China	4	0%
Portugal	2	0%	P.r.china	1	0%
Pr China	3	100%	Pakistan	13	38%
Qatar	1	0%	Poland	5	60%
Rep. Of Korea	3	0%	Portugal	3	67%
Romania	4	25%	Pr China	1	100%
Russia	4	33%	Qatar	1	0%
Saudi Arabia	5	0%	R. O. C.	1	100%
Serbia And Montenegro	2	50%	Rep. Of Korea	2	50%
Singapore	16	11%	Romania	3	0%
Slovak Republic	1	100%	Russia	3	0%
Slovenia	1	0%	Saudi Arabia	3	33%
South Africa	2	100%	Scotland - United Kingdom	1	0%
South Korea	15	13%	Serbia And Montenegro	3	67%
Spain	13	33%	Singapore	16	69%
Sri Lanka	1	0%	Slovak Republic	1	0%
Sweden	8	75%	Slovenia	2	50%
Switzerland	1	100%	South Africa	7	29%
Taiwan	15	21%	South Korea	15	47%
Tunisia	1	0%	Spain	20	25%
Turkey	11	13%	Sweden	5	60%
U.s.a	2	0%	Switzerland	1	100%
U.s.a.	1	100%	Taiwan	10	20%
United Kingdom	23	44%	Tunisia	1	0%
United States of America	229	48%	Turkey	16	31%
Warsaw	1	0%	United Arab Emirates	2	0%
Unknown	5	0%	United Kingdom	16	50%
TOTAL	1114	33%	United States of America	219	52%
			Venezuela	2	0%
			Vietnam	1	100%
			Unknown	13	69%
			TOTAL	1121	38%

AES Magazine

Maria S. Greco, EIC

Magazine AEs: Status

- New Associate Editors

- Domenico Ciuonzo - AoS: Communications, Signal Processing and Data Fusion (since January 2015)
- Daniel O'Hagan - AoS: Radar Systems (since January 2015)
- Teresa Pace - AoS: Electro-Optic and Infrared Systems, Image Processing (since January 2015)
- Antonio Franchi - AoS: Robotic Systems (since May 2015)
- Michael S. Braasch - AoS: Navigation Systems (since June 2015)
- Wenbo Dou- AoS: Student Highlights (since March 2015)
- **Roberto Sabatini - AoS: Student Highlights (since November 2015)**

- Retired Associate Editors

- Shirley Cheng - AoS: Guidance (since January 2015)
- Carles Fernandez-Prades - AoS : Navigation Systems (since June 2015)
- Rick Coogle (graduated) – AoS : Student Highlights (since March 2015)

Magazine Content

- **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)
Industry Insights

New and Newer Content

- **Student highlights**
 - Now published almost on a monthly base
- **Advertisement**
 - In some issues. Still understanding how to make it more effective. **Working especially for next Special Issues.**
- **Interviews**
 - Dave Dobson Interview (D. Blair) **appeared** on June 2015 issue
 - **Marshall Greenspan interview (Mark Davis) will appear on October issue**
 - **Princess Marconi (A. Farina) interview will appear on November issue.**
- **Industry Insights**
 - Short paper (3-4 pages) focused on industry “tip and tricks”, dedicated to industrial readers (**upcoming in Fall/Winter with introduction Editorial**)

Special Issues and Tutorials

- In 2015
 - Special Issue on “Avionic Systems”, August 2015
 - Tutorial VIII, February issue, Vol 30 Number 2 Part II
 - Basic tracking using nonlinear continuous-time dynamic models (Crouse)
 - Navigation using inertial sensors (Groves)
- Special Issues Planned for 2016
 - Special Issue on Waveform Diversity: September 2016
 - Special Issue on Sense & Avoid : June/July 2016
 - Special Issue on Passive Radars for Civilian Applications: Nov. 2016
- Tutorial IX Planned for March 2016
 - Detection over Sensor Networks: A Tutorial (Javadi)
 - Geometry of Complex Data (Sangston)
 - A Survey of Radar Systems for Medical Applications (Pisa, Pittella, PiuZZi)
 - A Survey of Correlated Waveform Design for Multi-Function Software Radar (Ahmed, Alouini)
 - Looking Toward the Future of Radar Detection in Non-Gaussian Clutter (Sangston, Farina)
 - Tutorial on Waveform Diversity (Adve, Picciolo)
 - Tutorial on Sense and Avoid (Maroney, Fasano)
 - Recursive Bayesian Filtering in Circular State Spaces (Kurz, Gilitzchenski, Hanebeck)

2012 & 2013 Harry Rowe Mimno Award

- ❑ Erik P. Blasch, Dale A. Lambert, Pierre Valin, Mieczyslaw "Mitch" M. Kokar, James Llinas, Subrata Das, Chee Chong and Elisa Shahbazian, "High Level Information Fusion (HLIF): Survey of Models, Issues, and Grand Challenges," *IEEE Aerospace and Electronic Systems Magazine*, 2012.
- ❑ Hugh Griffiths, "The German WW2 HF Radars Elefant and See-Elefant" and "Radar Detection and Tracking of German V-2 Rocket launches in WW2," *IEEE Aerospace and Electronic Systems Magazine*, January 2013, March 2013, respectively.

2014 Harry Rowe Mimno Award

- ❑ Deadline December 31 2015. Solicited nominations from Chapters and Panels members

More Information from 2015 PRAC Report

	2015 (January only)	2014	2013	2012	2011
Region of author affiliation	%	%	%	%	%
Regions 1 – 6 (U.S.A.)	33	31	35	41	45
Region 7 (Canada)	11	0	0	0	1
Region 8 (Europe/Africa, Middle East)	23	41	46	30	24
Region 9 (Central/South America)	0	0	1	0	0
Region 10 (Asia/Pacific)	33	28	18	29	30

More balance among number of authors from US, Europe and Asia

Year	Impact Factor (regular, with self-citations)	Impact Factor (w/o self-citations)	Citation Half Life	Immediacy Index
2014				
2013	0.438	0.404	8.4	0.073
2012	0.343	0.313	8.1	0.037
2011	0.297	0.282	6.9	0.015
2010	0.179	0.172	6.3	0.014

Steep increasing of the impact factor, still large room for improvement through more special issues, invited and solicited papers, industry insights

Status of QEB

Bill Walsh, EIC

Judy Scharmman, Executive Assistant

QEB Objectives

- Purpose and intention:
 - Provide time-sensitive news and useful information for AESS members
 - Draw attention to each of the specific technical areas that our Society represents and pursues
 - Document activities and events from individual Chapters of the Society
 - Highlight content of current and upcoming issues of the Systems magazine
- Objectives:
 - Increase and enhance awareness in all aspects of our professional society
 - Promote and enable outreach to the various technical tenants that make up our interest areas
 - Provide links to articles and other items as part of a true electronic newsletter.
 - Making QEB accessible through social networking.
- Features:
 - Chapter Corner – an opportunity for individual AESS chapters to provide activity updates and announcements
 - Featured AESS Technical Panels (new in 2015!) – introduction to the highlighted Panels, POCs, links to related conferences, other pertinent information on how to actively participate

3Q AESS QEB - 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
 - Technical Panels
 - Systems Magazine
 - Transactions
 - Tutorials
 - Website
- Technical Operations
 - Technical Panels

QEB Process

- For 2016, the QEB will be published on the following dates (with content submission dates):
 - **4 January 2016** (Content submitted by 21 December 2015)
 - **5 April 2016** (Content submitted by 22 March 2016)
 - **6 July 2016** (Content submitted by 22 June 2016)
 - **3 October 2016** (Content submitted by 19 September 2016)

EDITORIAL

- Bill Walsh is in his 2nd year as Editor-In-Chief for QEB (appointed in January 2014)
- Lauren Stockman (Conference Catalysts, LLC) provides editorial and production support

Status of AESS Web Site

Dale Blair, VP Publication

Judy Scharmann, Executive Assistant

Motion for Refresh of IEEE AESS Web Site Passed In Spring 2015 Meeting

- Motion for Refresh of IEEE AESS Web Site Passed In Spring 2015 Meeting
 - \$10,000 be allocated to Conference Catalysis to refresh the IEEE AESS Web Site by moving to a newer version of the host software and adding a multistate banner.
 - Telecon on September 4 to review draft version of web site.
- Added
 - Awards Tab added to Front Page
 - Adding “Member Obituaries” under Members Tab

AESS Publications Operating Budget

2015 Budget Expenses Summary
January - August 2015

Bill Walsh, Administrative Editor

2015 Budget Expenses Estimate

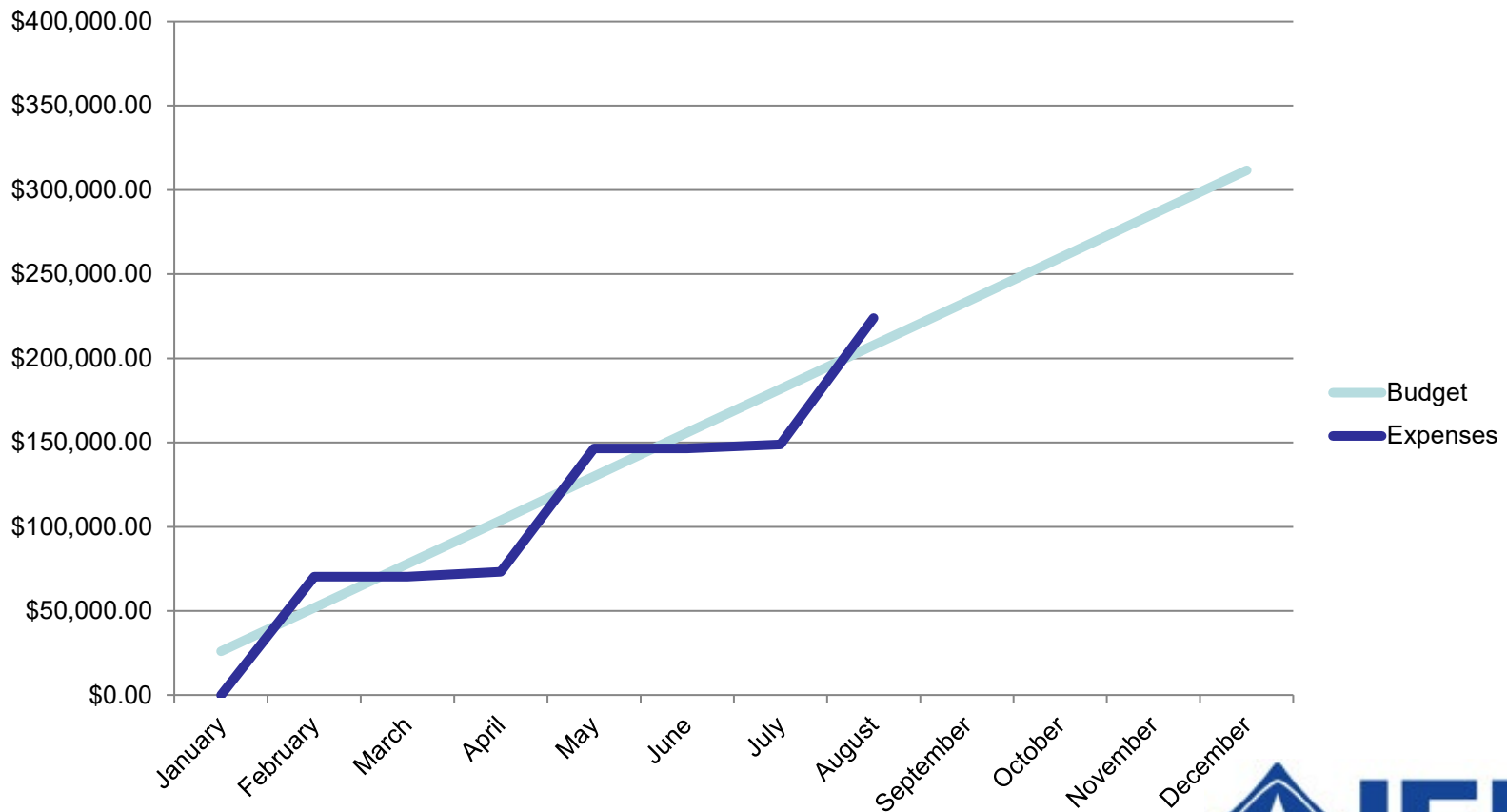
AES Transactions

- **Allen Press (AE-T) - \$289,680**
 - 2nd year of 3 year contract for integrated services
 - Managing Editing, Copy Editing, Typesetting, XML tagging
- **Precision Computer Works (EJP) - \$22,000**
 - eJournal Database
 - Includes Task Order #TT16842 – IEEE: Export with IEEE DTD
- **Total for 2015: \$311,680**
 - Does not include IEEE-related expenses attributed to Transactions (e.g. various purchase services, XPLORE, etc.)
 - 2% escalation on Allen Press Contract
 - EJP estimate covers work for *Systems Magazine* as well

**Based on Year-to-Date trends, and near-term expectations,
Estimated Expenses at Year-End are: \$304,000**

AES Transactions

Expenses – Estimated vs. Actual



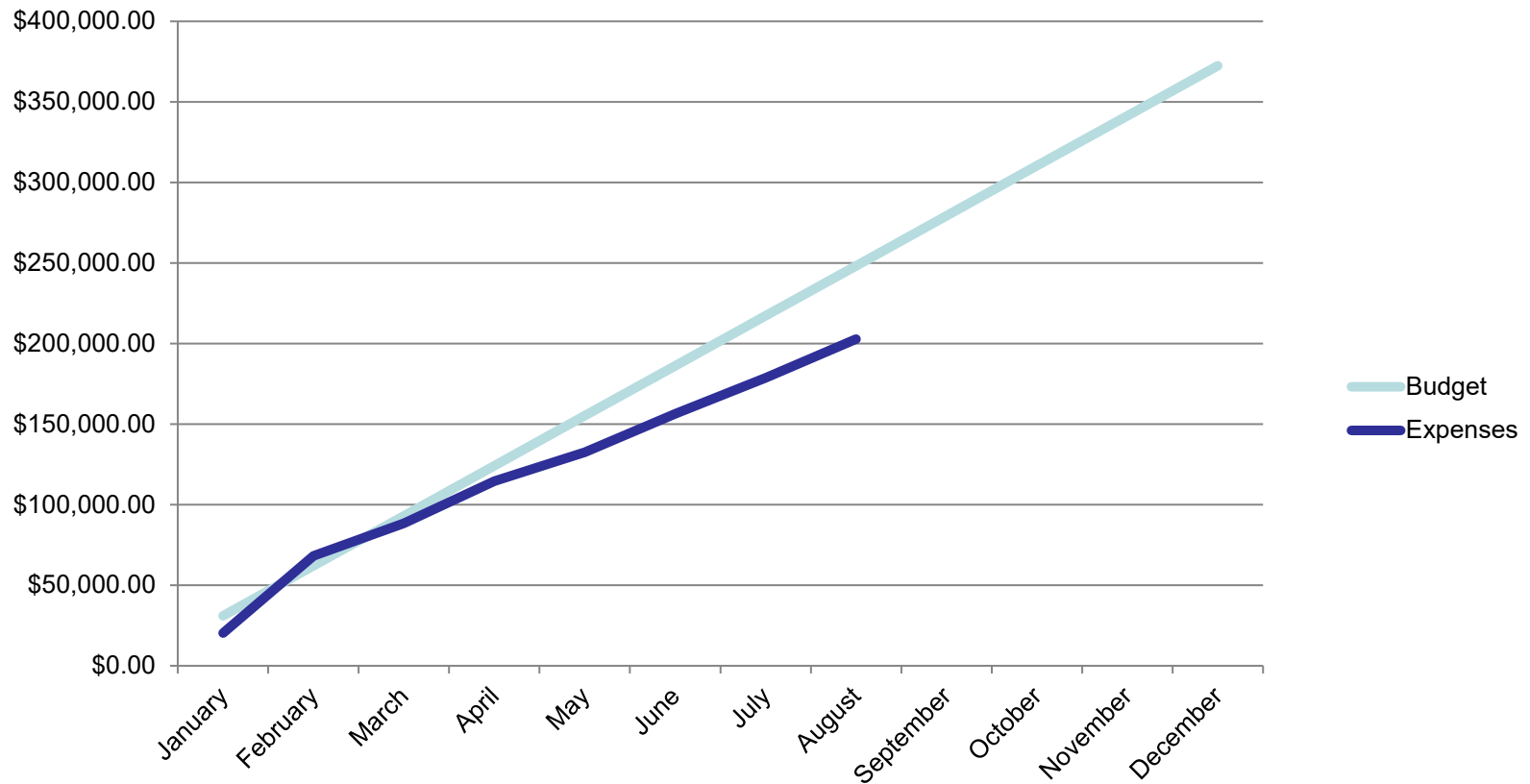
2015 Budget Expenses Estimate

AES Systems Magazine

- Publication & Delivery Services - \$317,322
 - Allen Press (AP-S) – Task Order Contract
- Administrative/Asst. Administrative Editors - \$35,000
 - Susanne J. Walsh (SJW) – Independent Contractor
- Editorial & Publication Consultant - \$20,000
 - Dave Dobson (DD) – IEEE Part-time employee
- Total Budgeted Expenses for 2015: \$372,322
 - Does not include IEEE-related expenses attributed to Transactions (e.g. various purchase services, XPLORE, etc.)
 - Comparative expenses for 2014: \$360,000 (Difference is 2% escalation for Year 2 of Allen Press contract).

***Based on Year-to-Date trends, and near-term expectations,
Estimated Expenses at Year-End are: \$293,391***

AES Systems Magazine Expenses – Estimated vs. Actual



RFP for “Comprehensive Publication Services for IEEE Aerospace and Electronics Systems Magazine”

- Allen Press is the incumbent.
- 3 year contract (2016 – 18)
- Three Proposals received: Allen Press, The Sheridan Group, and IEEE Publications
- AESS Editorial Board principles (Greco, Blair, Pace, Willett, Walsh) evaluating and scoring proposals – quantitative and qualitative measures. (Oct. 1st)
- Contract award – Oct. 9th
- Expected contract execution - Oct. 26th (to support January 2016 issue)

Page Charges Income

January - August 2015

Jose Bolanos, Business Editor

Volume 51, No. 1 - \$40,950.

Volume 51, No. 2 - \$39,400

Other Issues

- Plagiarism complaint against an authors of a paper published at the 2015 RAST conference.
 - GRSS and AESS are sponsors or 2015 RAST
 - AESS taking the lead on the investigation
 - GRSS provided one committee member
 - Committee chair has been assigned
- Electronic Version of AES Magazine