

# Aerospace & Electronic Systems Society



**AESS BoG Meeting  
Edinburgh Scotland  
October 2016**

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# Agenda

- Strategic Plan Overview/Update
- Financially Sponsored Conferences
- Technically Cosponsored Conferences
- Short and 3-year Actions
- Summary

# Conference Strategy

- **Mission:** The mission of AESS Conferences is:
  - Enable the conduct of high-quality conferences, symposia and workshops
  - Produce high-quality technical content to serve AESS members and our technical community
  - Facilitate the generation of reasonable surplus while maintaining high overall quality
  - Refine and promote Best Practices in planning and managing AESS conferences
  - Explore new conference delivery mechanisms
  
- **Objective:** The AESS Strategic Plan for Conferences should focus on
  - Refining and promoting best practices in planning, management, publications and financing our existing conferences
  - Determine whether any new conferences could be initiated to support the AESS membership and our overall technical community.

# Conferences Strategic Objectives

- What is our current status?
  - Strengths
    - High Quality Conferences
    - Strong sustained conference management: Aerospace, Radarconf, Autotestcon, Fusion
  - Weaknesses
    - Perceived Weak Support: DASC, ICNS, PLANS, **NAECON**
    - **Too Many TCS Conferences Without AES Participation**
- What are our long term strategic objectives?
  - **Established AES Conference Committee**
  - Convert 2 TCS conferences to at least 10% FCS
  - **Create AES Panels To Feed/Manage Weakly Supported Conferences (i.e. ICNS, PLANS, NAECON ...)**
  - Find ways to use conferences to attract and retain young members

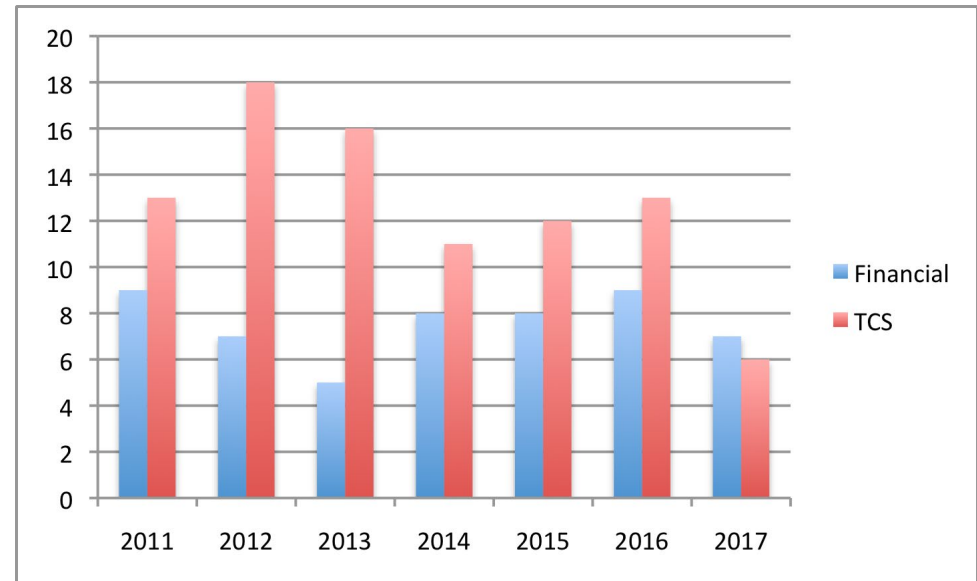
# Conference Committee

- Robert Ewing
- Bob Rassa
- Michael Rice
- George Schmidt
- Michael Braasch (Incoming)

**We Desperately Need Some European BoG Members to Help with the Technical Cosponsored Conferences – Largely In Europe**

# AESS Financial And Technical Sponsorship History

- Revenues From Financial Sponsorship Has Been Steady
  - Recovering From Recent Economic Impacts On Attendance
- 2016 Changes In IEL Charges For Technical Co-sponsorship (TCS)
- Difficulty With ION & AIAA Financial Arrangements
  - AES Support Has Improved
  - IEEE Changing Yearly MOU Requirements



**AES Board of Governors Starting To Engage With AIAA/ION Conferences  
→ Need Plan For Revenue Beyond 2016**

# AESS 2016-17 Financial

		2016			2016 Conference Budget		
03/05/2016	35916	2016 IEEE Aerospace Conference	16AAC	100.0%	585,402	467,840	117,562
4/11/16	35125	2016 PLANS	16PLN	50.0%	383,430	295,931	87,499
05/10/2015	20431	2016 IEEE Radar Conference (RadarConf16)	16RAD	50.0%	436,395	332,356	104,039
6/15/16	38482	2016 National Aerospace Conference (NAECON)	16 NAE	10.0%	30,000	17,000	13,000
6/22/16	37580	2016 MetroAeroSpace	1632W	100%	52,630	40,160	12,470
9/25/16	35002	2016 Digital Avionics Systems Conference	16 DAS	50.0%	253,725	203,150	50,575
11/2/15	34604	2106 Autotestcon	16AUT	50.0%	505,750	382,735	123,015
10/4/16	36556	2016 International Carnahan Conference	16ICS	100.0%	88,490	71,086	17,404

		2017			2015 Conference Budget		
03/04/2017	38458	2017 IEEE Aerospace Conference	17AAC	100.0%	600,000	475,000	125,000
04/18/2017	39184	2017 Integrated Communication, Navigation, and Surveillance Conference (ICNS)	17CNS	10.0%	175,000	130,000	45,000
05/8/2017	32643	2017 IEEE Radar Conference	17RAD	100%	521,600	403,942	117,658
6/21/17	40336	2017 MetroAeroSpace	1732W	100.0%	48,000	42,000	6,000
6/10/17	40673	2017 National Aerospace Conference (NAECON)	17 NAE	20.0%	30,000	17,000	13,000
9/16/17	34242	2017 Digital Avionics Systems Conference	17 DAS	25.0%	274,740	228,500	46,240
9/9/17	34604	2107 Autotestcon	17AUT	50.0%	448,975	342,890	106,085

**Note The Percentages For AIAA/NAECON In 2017**

# Strategy For Improving AES Conference Liaisons

- AIAA/DATC and ION Have Complained About Lack Of AES Participation In Financially Sponsored Conferences
  - Erik Blasch and Kathleen Kramer Have Stepped Up on DASC
  - DATC Agreed To Give AES DASC 25%, and ICNS 10% Financial
  - Need To Revisit Within 2017 Based On Improved AES Support
- ION Had Not Seen “any” AES Participation Since 2010
  - PLANS Has Reverted To Technical Cosponsorship In 2018
  - Michael Braasch (Liaison to PLANS) Coming On BoG And Proposes to start a Navigation Panel To Staff Conferences
  - Significant Interest By ION Board Members In Pushing An AES Navigation Panel
- **NAECON Unilaterally Reduced AES Financial Participation 10%**

**AES Board of Governors Has The Potential To Get These Conferences Back On Track → For Future Years**



# Technically Co-sponsored Conferences

- Beginning In 2016, IEEE Rules Changed
  - If 0% IEEE Financial Interest, IEEE Technical Cosponsors Will Be Charged \$1000 +\$15/Paper Sent To Xplore
  - If An IEEE Entity Is A Financial Sponsor, The TCS Fee Will Not Be Charged
- AES VP Conferences Has Instituted A Strategy
  - Attempt To Convert TCS to Financial Cosponsorship at 10%
  - If That Does Not Work, Charge The Conference The Full Registration Costs Of The TCS
    - Explain The Benefit of IEEE Publications – Increase Attendance
  - On “Rare” Cases, AES Will Agree To Fund Or Split The Costs
    - AES BoG Member Needs To Justify This Move
- Some Conferences Prefer To Pay The IEL Costs Rather Than Agree To Financial Sponsorship – Claim IEEE Regulations Are “Egregious”

# 2017 Technically Co-sponsored Conferences (as of 30 Sep 16)

Title	AES POC Conf ID	AES % IEL Costs	City	Country	Date
2017 24 <sup>th</sup> St Petersburg Intl Conference on Integrated Navigation Systems (ICNS)	G Schmidt 35946	50	St Petersburg	Russia	30 May
2017 European Navigation Conference	? 39241	0	Laussane	Switzerland	9 May
2017 FUSION Conference	D Blair 40051	0	Xi'an	China	10 July
2017 Signal Processing Symposium	? 38258	0	Debe	Poland	12 Sept
2017 International Radar Symposium (IRS)	? 40158	0	Prague	Czech	28 June
2017 Recent Advances Space Technologies	M Davis 39648	0	Istanbul	Turkey	6 June

Need European BoG Members To Support

# Summary And Actions

- AES Bog Has Changed Significantly
  - Michael Braasch Coming Aboard To Help With ION Interface
  - Need More New Members To Liaise With Conferences
- IEEE ICX “Automation” Has Improved
  - Lag In MOU Process – Due To IEL Charge Agreements
- Financial Cosponsored Conferences Are Reducing AES Share
- TCS Policy Changes Are Now Understood By Many Conferences
  - Instituted Policy To Charge IEL Costs To Requesting Entity

- Old Action: Establish Small Committee To Address Strategy On Staffing Conference Committees And TCS Policies (Not Fully Completed)