

The logo for AES VISION 2020. It features the word "AES" in blue with a grey arrow curving over it, followed by "VISION" in black. Below this, the year "2020" is written in large, bold, black digits.

**AES VISION
2020**

Conferences – Michael Braasch

**Committee: M. Davis, A. Farina, F. Gini,
R. Rassa, G. Schmidt, P. Willett**

April 26-27, 2019

Boston, MA, USA

Conference Goals

- 1) Serving our members with conferences focusing on topics in our areas of specialization
 - Side benefit: networking
- 2) High technical quality papers
 - Implied/expected by the IEEE brand
- 3) Generating surpluses that fund AES
- Note: Sometimes #1 and #3 are in conflict; bigger is not always better ...

2018 Financially-Sponsored Conferences (Source: R. Rassa / IEEE Financial System)

- Radar Conference:
 - Rev: \$497,945; Exp: \$348,863; Surplus: \$149,082
 - [From Shannon: Rev: \$664k; Exp: \$465k; Surp: \$199k]
- Aerospace Conference:
 - Rev: \$806,106; Exp: \$631,110; Surplus: \$174,996
- DASC (prelim) [AES share: 25%]:
 - Rev: \$735,537; Exp: \$39,465 [Expenses NOT all reported!]
- AUTOTESTCON [AES share: 50%]:
 - Rev: \$261,225; Exp: \$32,184; Surplus: \$229,041

2019 Financially Sponsored Conferences:

- Aerospace Conference
- AUTOTESTCON (AES share: 50%)
- DASC (AES share: 25%)
- ICCST (Carnahan)
- ICNS (AES share: 10%)
- MetroAeroSpace
- Radar Conference

2019 Technically Co-Sponsored Conferences

- International Radar Conf
- IEEE Topical Workshop on Internet of Space
- ICINS
- IEEE International Symposium on Phased Array System & Technology (PAST)
- IEEE COMCAS
- Signal Processing Symposium
- APSAR
- Sensor Signal Processing for Defence
- International Conference on Recent Advances in Space Technologies
- International Radar Sympos
- International Conference on Integrated Navigational and Unmanned Aircraft Systems
- DGON Inertial Sensors & Sys

2019 TCS (cont'd)

- International Conference on Localization and GNSS
- International Symposium on Measurement and Control in Robotics
- European Space Power Conference
- European Radar Conference (EuRAD)
- International Workshop on Tracking, Telemetry and Command Systems for Space Applications
- Sensor Data Fusion

Conference Objectives

- Maintain our current high quality conferences
- Launch new conferences as needed
- Partner with other conferences when appropriate
- Ensure quality control on the papers
- Exercise appropriate fiscal discipline

New Conference: Systems Security Symposium

- Sponsored by IEEE Systems Council, AESS, INCOSE and NDIA
- March 2020
- Baltimore / Washington DC region
- General Chair: Bob Rassa

2019 Conferences Objective

Financially sponsored conferences

S – Ensure peer review / budgeted surplus

M – metric: Yes/No on each conference

A – assigned to: Braasch

R – relevant to which goal(s) and how? 2, 3
(keep eyes on peer review and budget)

T – time period for performance: executed each
time a conference application is reviewed

2019 Conferences Objective

Conference Leadership

S – AEISS members on organizing committees

M – metric: Yes/No on each conference (more generally: percentage of all conferences)

A – assigned to: Braasch

R – relevant to which goal(s) and how? 2, 3
(keep eyes on peer review and budget)

T – time period for performance: executed each time a conference application is reviewed

2019 Conferences Objective

Request for new Technical Co-sponsorship

S – Agree to TCS when appropriate

M – metric: Yes/No decision in each case

A – assigned to: entire conference committee
(and tech panels as appropriate)

R – relevant to which goal(s) and how? 1
(entire committee is polled for input)

T – time period for performance: executed each
time a new conference requests TCS

2019 Conferences Objective

Technical Co-sponsorship

S – Ensure quality in TCS conferences

M – metric: rigor of peer review process (e.g., number of reviewers on each paper)

A – assigned to: Braasch

R – relevant to which goal(s) and how? 2

T – time period for performance: executed each time a conference application is reviewed

Backup Slides from Fall 2018 BoG Meeting

Conferences

SMART Objectives Review

- ▣ Stated Objectives:
 - Assess AESS Sponsored (Financial And Technical) Conferences For Meeting Guidelines
 - Statement of Objective: Establish and follow up with MCE on their inputs to ICX on AES Conferences
 - Statement of Objective: Increase Net surplus from AES sponsored conferences 5 percent per year

Conferences

Ongoing Action Items

- AESS-BOG-Spring '18, AI-0775 - Assess AESS sponsored conferences (both Financial and Technical) for whether they are meeting the guidelines set in the AESS Conference Guidelines. Conference Liaisons. **Mark Davis, lead.**
- AESS-BOG-Spring '18, AI-0776 - Conference Committee Liaisons - Have a description of a conference liaison and what the duties and responsibilities are. **Mark Davis, lead.**
- AESS-BOG-Spring '18, AI-0777 - Increase net surplus from AESS sponsored conferences 5% per year. **Mark Davis, lead. Work with George Schmidt.**
- AESS-BOG-Spring '18, AI-0778 - Work to get the conference liaisons on the Conference Organizing Committee. Also get AESS members on the committees. **Mark Davis, lead.**
- AESS-BOG-Spring '18, AI-0779 - Investigate having a conference discount for AESS members. **Mark Davis, lead.**
- AESS-BOG-Spring '18, AI-0801 - Develop a best practice of putting a final report of the conference in the magazine with logos of sponsors. **Peter Willett, lead.**

Conferences

Ongoing Action Items

- AESS-BOG-Fall '18, AI-0841 – The Conference Committee, in consultation with Joe Fabrizio, will begin discussing the formation of a new AESS financially sponsored conference in China. **Michael Braasch lead.**