Conferences – Michael Braasch

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October 18-19, 2019

Cologne, Germany

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 …

10/31/2019

2019 Financially Sponsored Conferences:

- Aerospace Conference
  - Erik Nilsen reports numbers are **<u>up</u>** from 2018 (which had a surplus of $175k). This is especially encouraging given the US GOVT shut down in February.
  - See addendum for a very impressive conference summary report
- AUTOTESTCON (AES share: 50%)
  - Bob Rassa reports a surplus of approximately $200k

2019 Financially Sponsored Conferences:

❑ DASC (AES share: 25%)
- George Andrew reports an approximate surplus of $214k (financials are still DRAFT at this time)

◘ ICCST (Carnahan)
– Mala John reports an approximate $2k loss on a $7k loan from AES

◘ ICNS (AES share: 10%)
– IEEE reports a surplus of approximately $30k

2019 Financially Sponsored Conferences:

- MetroAeroSpace
  - Nothing reported so far. The budgeted surplus was 5k Euros (12.5% of the total budget)
- Radar Conference (AES share: 50%; IEEE Boston Section share: 50%)
  - Bob Alongi reports a surplus of $180k (more than double what was budgeted!)

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 Syposium
- 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

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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

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2019 Conferences Objective
Conference Leadership

S – AESS 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

2019 Conferences Objective
Technical Co-sponsorship

S – Promulgate best practices to financially-sponsored conferences

M – metric: update the AESS Conference Guide and provide it each time a conference application is approved

A – assigned to: Braasch and the Conference Committee

R – relevant to which goal(s) and how? 1, 2 and 3

T – time period: work with the Conf Comm to have a revised draft ready for adoption by the BoG at the Spring 2020 meeting

Summary Report from the 2019 Aerospace Conference

Provided by Erik Nilsen