



IEEE Aerospace Electronic Systems

VP Conferences Committee Report

Braham Himed

AESS Spring 2023 Board of Governors Meeting

San Antonio, Texas, USA

- **Strengths**

- Continue offering & supporting high quality conferences/symposia/workshops
- Flagship conferences (Aerospace, AUTOTESTCON, RadarConf) are high quality, well attended, and provide excellent surpluses

- **Weaknesses**

- Still no early interaction between conference organizing committees and AESS
 - Resulting in unnecessary delays
- Financial/final reports are not always submitted on time
 - Work with AESS treasurer to ensure closing books within 6 months after conference

- **Opportunities**

- Work with other AESS committees to make conference-material (lectures, plenary talks, tutorials, etc.) online

- **Opportunities (Cont'd)**

- Increase participation and support for students (undergraduate and graduate), young professionals, and under-developed regions
 - Student competitions at AESS financially-sponsored conferences
 - R8 student and young professional events
 - Seed money for workshops, mini conferences, etc.
 - Drone Competition at DASC and RadarConf
- Homogenize (US) conference organizing for increased savings

- **Threats**

- Competition for conference attendees' time and money is intense
- Number of aerospace-related conferences increasing
- Other IEEE conferences promoting AESS-related topics

Financially Supported Conferences

- Aerospace Conference
- IEEE Radar Conference (RadarConf)
- International Radar Conference
- International Workshop on Metrology for AeroSpace (MetroAeroSpace)
- International Conference on Information Fusion (FUSION)
- IEEE AUTOTESTCON
- Integrated Communications, Navigation, Surveillance Conference (ICNS)
- IEEE International Carnahan Conference on Security Technology

Technically Supported Conferences

- IEEE International Symposium on Phased Array Systems & Technology (PAST)
- Sensor Data Fusion (SDF)
- International SpaceWire and SpaceFibre Conference (ICS)
- International Workshop on Tracking, Telemetry, & Command Systems for Space Applications (TTC)
- IEEE Radio and Wireless Symposium (RWS)
- IEEE/ION Position, Location and Navigation Symposium (PLANS)
- Signal Processing Symposium (SPS)
- European Radar Conference (EuRAD)
- European Microwave Week (EUMW)
- International Radar Symposium (IRS)
- Others

- **Motion:**

- Braham Himed moves to approve \$10,000 USD annually to fund activities (conferences, workshops, competitions, etc.) in underdeveloped regions and countries

- **Pros:**

- Advance AESS goals and objectives
- Attract more students and young professionals, and retain existing ones
- Cost reduction with combined AESS activities: DL, YP, etc.

- **Cons:**

- Cost and effort

- **Financial Implications:**

- \$10,000 USD / yearly

- **Motion:**

- Braham Himed moves to nominate Ms. Abir Tabarki, data science undergraduate student at ESPRIT University Tunisia, as AESS Undergraduate Student Representative

- **Pros:**

- Energetic student with proven record of leadership and excellent organization skills
- Will serve as beacon for advancing AESS goals and attracting new members

- **Cons:**

- May not attend all BoG meeting due to visa restrictions

- **Financial Implications**

- None