



# AESS Board of Governors Meeting

## Technical Operations

George Schmidt, VP Technical Operations

May 2, 2020

# Motion #1

It is moved that the AESS Board of Governors terminate the affiliation with the Aerospace Control and Guidance Systems Committee as an AESS Panel effective today.

This motion comes from committee, no 2<sup>nd</sup> is needed.

# Rationale for Motion #1

The Committee has not been following the AESS Panel Policies and Procedures document nor providing any technical interchange or publications with the AESS as was envisioned at the start of the affiliation. A Panel Improvement Plan was offered to the Committee but not accepted.

## Motion #2

that the AESS establish an early career award with similar monetary value as the Nathanson radar technologies award, but covering aerospace, avionics, navigation, cyber security, and other non-radar technologies, and that the Awards Committee be mandated to prepare all the necessary documents to be submitted for approval by the Board of Governors at the next meeting.

Motion put forward by George Schmidt and unanimously endorsed by the Technical Operations Committee. This motion comes from committee, no 2<sup>nd</sup> is needed.

# Award Motion/Comments

1. Many professional organizations (AIAA, ION,...) and 10 of the next 15 IEEE Societies listed alphabetically on the IEEE web site immediately after AESS have some form of early career award open to **all** members of that society. This is an outstanding way to reward and encourage younger members (40 and under).

2. At last count on 3/31, there were 4179 AESS members and 3736 reported their ages. Of those, 844 members were 40 and under. That is 22%.

3. On 3/31 a Technical Interest Profile (TIP) report on our members was created using 371 interest categories. 2593 of our 4179 members identified the areas in which they regularly work. On average, each member identified 2.3 areas in which they regularly worked. The top areas and the % of members say they regularly work in are:

Aerospace and Electronic Systems (28%)

Systems Engineering (13%)

Radar (9.8%)

Antennas and Propagation (8%)

Signal Processing (7.8%)

System Design (4.6%)

Communications Signal Processing (4.5%)

Space Systems (4.3%)

Wireless Communications (4.2%)

Integrated Avionics (4%)

And smaller numbers for 360 other areas. Remember to deflate the percentages by 2.3 if creating an equivalent head count.

This new award will make **all** AESS members 40 and under eligible for a young career award.