

# Cyber Security Technical Panel

**Kathleen Kramer**

**September 2017**

# Cyber Security Panel Topics

- Vision of the panel is to serve as a hub of AESS cyber security activities, to highlight and promote awareness of activities, technical understanding, and developments in this increasingly important field.
- The panel promotes and supports cyber security technical interests, technical articles and conference activities, and educational activities in those aspects of cyber security most relevant to complex systems for space, air, ocean, or ground environments.
- These technical areas include
  - Cyber security for transportation
  - Cyber security for aircraft and avionics
  - GPS threats
  - Information security for complex systems, and
  - Identification and modeling of cyber-related vulnerabilities.

# Cyber Security Panel

## Near-Term Goals and Objectives

- Hold 2+ meetings/year (DASC and ICCST (Carnahan))
- Increase AESS reputation and visibility in cyber
- Relate to AESS Conferences, Meetings, Activities, Publications

## AESS Activities

AES special issue cyber in aerospace will have two part special issue in Systems.

– November 2017, February 2018

■ Nice participation at DASC35 and Carnahan 50th. DASC36 and Carnahan 51<sup>st</sup> ?

## Greater IEEE and Cyber:

- IEEE Cybersecurity Initiative
- Ruling from IEEE-HQ: No affinity groups. Non-council, so Cyber “chapter” can be effected by joint chapters in AES/C/CE/COM.
- One DL in the topic area.

## Members

- Erik Thienissen, Alope Roy (DASC34, DASC35 TPCs)
- William Claycomb, Gordon Thomas (Carnahan Conf 2016, 2017 Chairs)
- Attendees at conference tech panel meetings → authors of special issue