



# ***Liaisons and Representatives Report Strategic Planning & Approach***

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# *Liaisons and Representatives Report*

- **Purpose:** To investigate and develop a pro-active report that seeks to:
  - Understand the various commitments of AESS towards each of the external Councils/Activities that we are and have been actively engaged
  - Evaluate the relationship that we share with each Council/Activity and understand how we can maximize the benefit gained from the relationship moving forward
  - Ensure that we are not missing other opportunities and other groups – both internal and external to IEEE – that we might/should consider in the future
- **Objective:** To examine the various IEEE and External councils, technical communities, societies, and other organizations that AESS has been providing financial and/or resource support.

# *Approach*

- **Purpose of AESS engagement**
  - Technical
  - Publications
  - Member development/exposure
- **Active/Passive involvement and activities**
  - Current
  - Future
- **How long has AESS been involved?**
  - How did we become associated?
- **Impact on membership**
  - Professionals
  - Students
  - Academia
  - Industry
- **Financial investment/ ROI**
  - What is our commitment? (financial & time)
  - Expectations (resources, outcomes)

# *Outcomes and Goals*

- **Develop pro-active recommendations for the BoG based on relationship of council/activity to each component of the AESS Strategic Plan:**
  - **Technical Focus Areas**
  - **AESS Priorities**
  - **Active collaboration**
- **Establish Measures of Effectiveness (MOEs) moving forward**
  - **Publication opportunities**
  - **Conference interactions & collaboration**
  - **Membership enhancements**
  - **New member development**
  - **What else??**
- **Identify additional Councils/Activities that AESS should consider in the future**

# ***Current Liaison and Representative Engagement***

## **IEEE Organizational Units**

- **Nanotechnology Council (Meyyappen, Lee)**
- **Sensors Council (Lo Monte, Teng)**
- **Systems Council (Downing, Lyons)**
- **Biometrics Council (TBD)**
- **IEEE USA – Various Committees**
  - **Energy Policy, Entrepreneurial and Innovation Policy, Intellectual Property, Communication Policy, PACE, R&D Policy, Transportation and Aerospace**
- **Women in Engineering (Kramer)**
- **Journal of Lightwave Technology (Cardinale, Rice)**
- **Society on Social Implications of Technology (SSIT) (Cardinale)**
- **Transportation Electrification Community (Walsh)**

- **IEEE Standards Association (Socci)**
- **TAB Committees**
  - **N&A, Periodicals, Awards & Recognition, Strategic Planning**

## **Non-IEEE Technical Societies**

- **American Institute of Aeronautics & Astronautics (AIAA) (Rassa)**
- **Association of Old Crows (Gangl)**
- **German Institute of Navigation (DGON) (Rohling, Trommer)**
- **IET (Griffiths)**
- **International Council on Systems Engineering (INCOSE)(Walsh)**
- **NDIA Systems Engineering Division (Rassa)**
- **Armed Forces Communications & Electronic Association (AFCEA) (Ruggieri)**