

# Aerospace & Electronic Systems Society

**Chapters Update  
2016 Spring BoG meeting**

**21 April 2016**

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AESS Chapters Chair  
IEEE Senior Member**



# Outline

- Team
- Chapters
  - US Chapters
  - International Chapters
  - Active / Inactive Chapters
- Awards Best Chapter (submitted)
  - 3 year goals/ ideas to increase participation
- Chapter Activities
  - Chapter Chair Toolbox (updated/posted)
- Chapter Issues (Funding)
  - Updates from Chairs – Meetings Needed
- Extra : DASC discussion

# Team

- Membership – George Schmidt
- Chapters – Erik Blasch
- Europe – Leo Ligthart
- South America – Lius Riesco
- Database – Ron Ogan
- DL coordination – Joe Fabrizio
- Senior Membership – Jose Bolanos
- Student / GOLD – Cosimo Stallo
- Bonus – Asia – Walt Downing

# Chapters Summary since Sept

## Issues

- Chapter info
  - Updated Chapter Chair letter
  - Drafted AESS welcome letter
- Webinar
  - Central TX (Walt)
  - Northern VA (Roger)
- Senior Member campaign
  - Supported 10+ who wanted to be senior IEEE members

Provided Chapter Documents

# Chapters Summary since Sept

## Student Chapters

- Interest
  - Coastal LA

## Reports

- Received
  - International Directors – compiled information
- Received
  - Germany
  - Ukraine
  - Columbia
  - Poland

# Chapters Summary since Sept

## US Chapters

- Interest
  - Coastal LA

## Student Chapters

- **Rowan – Student**
  - Sent details at last meeting, but received no updates
  - **Jacob Cullen**, Rowan University ECE Undergraduate

# International Chapters – since May

## ■ **Beijing**

- IEEE Geoscience and Remote Sensing Society (GRSS).

Walt Downing, met with Tsinghua University

They are looking into establishing a strong AES Chapter in Beijing in the future (Mark Davis)

## ■ **Czech Republic**

- 15 members, trying to engage submission

## ■ **Student Chapter (New)**

- Universidad Escuela Colombiana de Carreras Industriales Aerospace and Electronic Systems Society Student Branch Chapter - Colombia Section

- University of Turkish Aeronautical Association Aerospace and Electronic Systems Society Student Branch Chapter in the Turkey Section

# Chapters Awards

- Best Chapter – International
  - 2013 – Ukraine
  - 2014 – Poland
  - 2015 – need more details (Germany)
  
  - Discussions to get more chapter reports
- Best Chapter - US
  - Central TX (Walt)
- Best Student Chapter – International / US
  - Could designate - Columbia

Drafted Certificate if no formal award



# Chapter Funding Requests

- None requested
- DL payment made to Dayton

# AESS Chapters

- Have we met our goal of 1-3 per year?
  - Region 1: 9
  - Region 2: 5
  - Region 3: 6
  - Region 4: 2 ?
  - Region 5: 8
  - Region 6: 4
  - Region 7: 7
  - Region 8: 19
  - Region 9: 5
  - Region 10: 13
  - Student: 8

<http://ieee-aess.org/chapters/all>

# Meetings 2015

# US Chapters

## ■ AUVSI Competition

### ■ Results of the 13<sup>th</sup> Annual AUVSI Student UAS Competition at Webster Field, Maryland

■ By Wayne Devereux, AUVSI Seafarer Chapter VP and SUAS Head Judge, [wayne.devereux@wyle.com](mailto:wayne.devereux@wyle.com)

■ The Seafarer Chapter of the Association for Unmanned Vehicle Systems International (AUVSI) hosts the annual Student Unmanned Aerial System (SUAS) Competition to stimulate and foster interest in unmanned systems and technology careers.

#### ■ **2015 SUAS Overall Winners:**

- 1st Place – M.S. Ramaiah Institute of Technology, EDHITHA
- 2nd Place – Israel Institute of Technology, Technion , TAS
- 3rd Place – North Carolina State University (NCSU), Aerial Robotics
- 4th Place – Politehnica University of Bucharest, Romania, Phoenix
- 5th Place – University of Toronto, Aeronautics Team
- 6th Place – Anadolu University, Turkey; Team Devrim
- 7th Place – Université de Sherbrooke, VAMUdeS
- 8th Place – Munich University of Applied Sciences, Team SAM
- 9th Place – Embry-Riddle Aeronautical University, ANDRONE
- 10th Place – University of California, Riverside, Unmanned Aerial Systems

#### ■ **Judges' Special Awards:**

- Best Overall Rotary Wing – Politehnica University of Bucharest, Romania, Phoenix
- Best Overall High School – Calvert Hall College High School, UAV Cards
- Dr. Arthur Reyes Safety Award – Christopher Newport University/IMPRINT
- JustJoe Sportsmanship Award – Cornell University, CUAir
- Dawn Jaeger Tenacity Award – Hereford High School, Flying Bulls