



Chapters Report

Kathleen Kramer

*Submitted to VP Member Services, Lorenzo LoMonte
Member Services Committee*

5 and 6 May 2023

San Antonio, USA

- Region 8 in Edinburgh
- October 23, 2022



- Regions 1-7 in Princeton
- February 15, 2023



- DSTEI is a major initiative this year that impacts activities and efforts relating to Regions 9 and 10.
- This will be covered with a separate report by Mark.
- Chapter Coordinator and AESS President participated in IEEE Region 9 meeting and advanced efforts there.



Upcoming Chapter Summits

- Colombia
 - POC: Giovanna Estefania Ramirez
 - Dates: Tuesday, May 9 to Thursday May 11


- Australia
 - POC: TBD
 - Dates: November, TBD
 - Hotel: TBD

This data is from February 2023



A SPECIAL AEROSPATIAL EVENT

SOUTH AMERICA SUMMIT IEEE AESS CHAPTERS 2023




The field of interest shall be the organization, systems engineering, design, development, integration, and operation of complex systems for space, air, ocean, or ground environments. These systems include but are not limited to navigation, avionics, mobile electric power and electronics, radar, sonar, telemetry, military, law-enforcement, automatic test, simulators, and command and control.


MAY 9 TO 12 = BOGOTA, COLOMBIA

It is important to the aerospace and electronic systems


Register to get your free ticket at <http://aesscolombia.blogspot.com>



Three small images showing summit activities: a group photo with the IEEE logo, a 3D model of a satellite or aircraft, and a panel discussion.



Advancing Technology for Humanity



Aerospace and Electronic Systems Society
Colombia Chapter

- Continue to improve processes – many more asking for and getting their chapter support.
- SBC support offering is at the “sweet spot”.
- Several proposals from active chapters beyond the initiative.

- **Poland Joint Chapter IEEE AP/MTT/AES awarded for 2022** – but a record number of strong entries including Bangladesh, Bombay, Colombia, Denver, Ottawa, and Queensland.

	Title of Presentation/Name of Speaker
1	What is my measurement equipment actually doing? Implications for 5G/6G, mm-wave and related applications / Jon Martens
2	Pattern Reconfigurable (Beam-Scanning) Transmitarray Antenna / Seyed Hashem Ramazannia Tuloti
3	Fast Design Optimization of Waveguide Filters Applying Shape Deformation Techniques / Michal Baranowski
4	Inline Microstrip Bandpass Filter With Two Transmission Zeros and Increased Order Using Spurious Resonance of Frequency-Dependent Inverter / Michal Baranowski
5	Low-Cost 3D Printed Dielectric Lens Antennas for 5.9 GHz Frequency Band V2X Applications / Weronika Kalista
6	A Dual-Polarized 39 GHz 4x4 Microstrip Antenna Array for 5G MU-MIMO Airflight Cabin Connectivity / Kamil Trzebiatowski
7	Antenna, Microwave and Electromagnetic Research for Smart Cities / Suramate Chalermwisutkul
8	Feasibility of orbit reconstruction from the analysis of bistatic velocity (in Polish) / Dorota Mieczkowska
9	Innovations in Smartphone MIMO Antenna Design Using Characteristic Modes / Buon Kiong (Vincent) Lau
10	Portable Radar Systems for Life Activity Sensing, Anomaly Detection, and Human Tracking / Changzhi Li
11	RF Design for Ultra-Low-Power Wireless Communication Systems: Efficiently Miniaturizing and Passively Sensing / Jasmin Grosinger
12	Prediction of detection range of passive radar / Mateusz Malanowski
13	5G network-based passive radar / Piotr Samczyński, Karol Abratkiewicz

- **10th MICROWAVE & RADAR WEEK 2022**, 12-14 May 2022, Gdańsk, Poland
<https://mrw2022.org/>



AESS Annual Chapter Funding Application Form

Chapters are encouraged to apply annually for financial support of up to \$500 USD (\$250 for Student Branch Chapters) to fund local AESS chapter activities and small initiatives. Funding will be automatically approved upon completion of the form and review of the VP Member Services. There are no additional requirements.

The deadline for application submission is December 31 for each calendar year. The information to be included in the form refers to the current year when the application is submitted.

Please send all questions to [\(Click to show email\)](#).

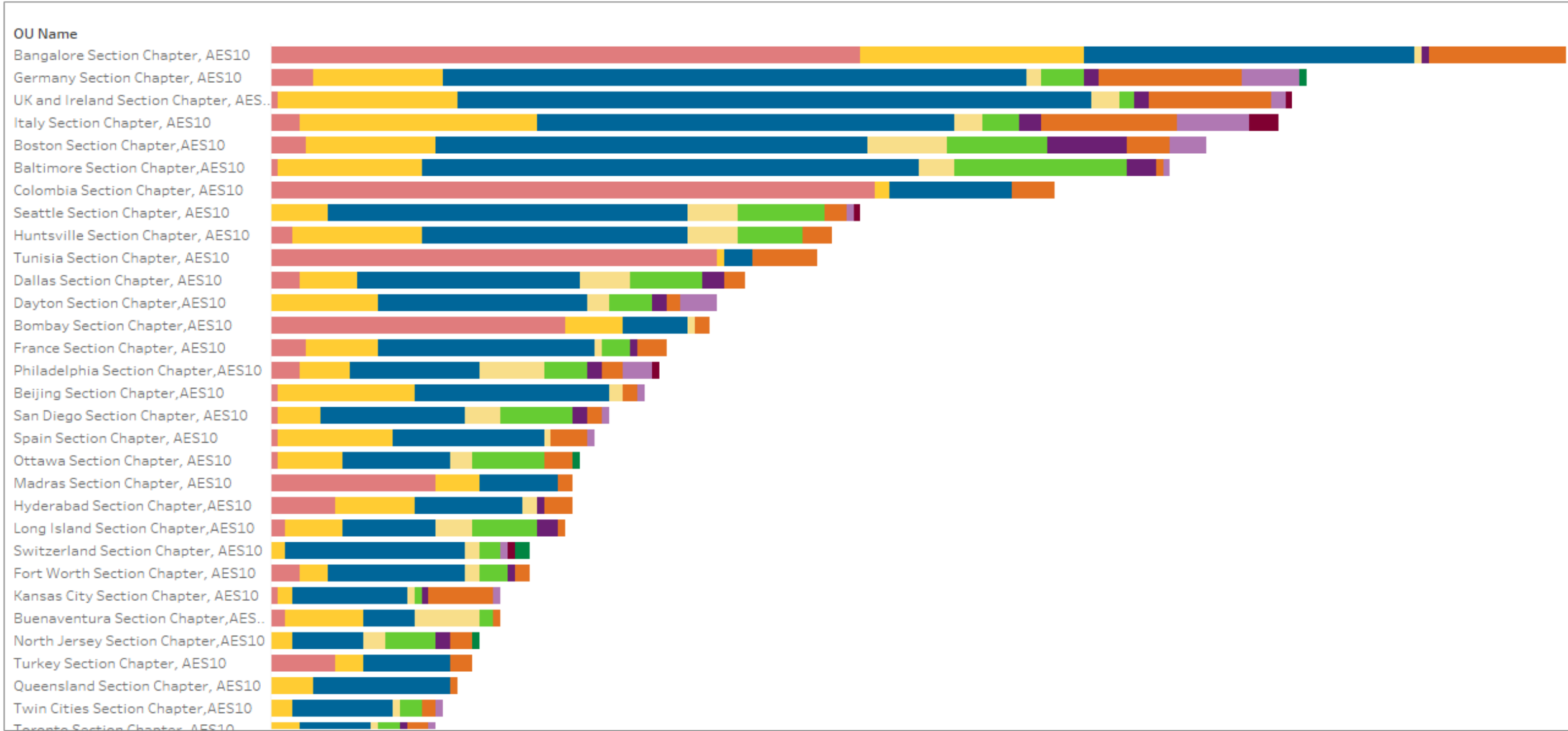
- \$500 *once* per year is too little and too “early” for planning
 - Recommend allowing the request for funding unlimited, and approval is granted on a case basis by the VP Members Service Committee
- Website is too complicated and convoluted (for just \$500)
 - Recommend simplifying questions and emphasizing direct interactions with VP Member Services.

- Up to \$5,000 with possible increases after BoG vote
- Modified to make smaller major more streamlined.

Most Populous AESS Chapters



Student Member Senior Member Member Life Senior Life Member Life Fellow Graduate Stude.. Fellow Associate Mem.. Affiliate



Most Populous Student Branch Chapters

OU Name

