



# Region 2 Update, Fall 2024

*Barry Tilton, Region 2 Immediate Past Director*

# Who am I? Barry Tilton, P.E., PMP, SM-IEEE-HKN

## *Immediate Past Region 2 Director*

- ▶ Technology Evangelist for Maxar Intelligence
- ▶ 2025 IEEE-USA President-Elect
- ▶ Home Societies AESS (Currently on BoG) and GRSS (IGARSS Industry Chair 2026)
  - Also member of RAS, SSIT and TMS
- ▶ Certified Project Management Professional
- ▶ USC Class of 1985, have worked for the US Air Force, NASA, DoD, and space industry



- ▶ E-mail: [barrytilton@ieee.org](mailto:barrytilton@ieee.org)
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- ▶ LinkedIn: [www.linkedin.com/in/btilton](http://www.linkedin.com/in/btilton)

**FAVORITE QUOTE: “Keep moving forward”...**

**-Walt Disney**

# 2024 Region 2 Priorities

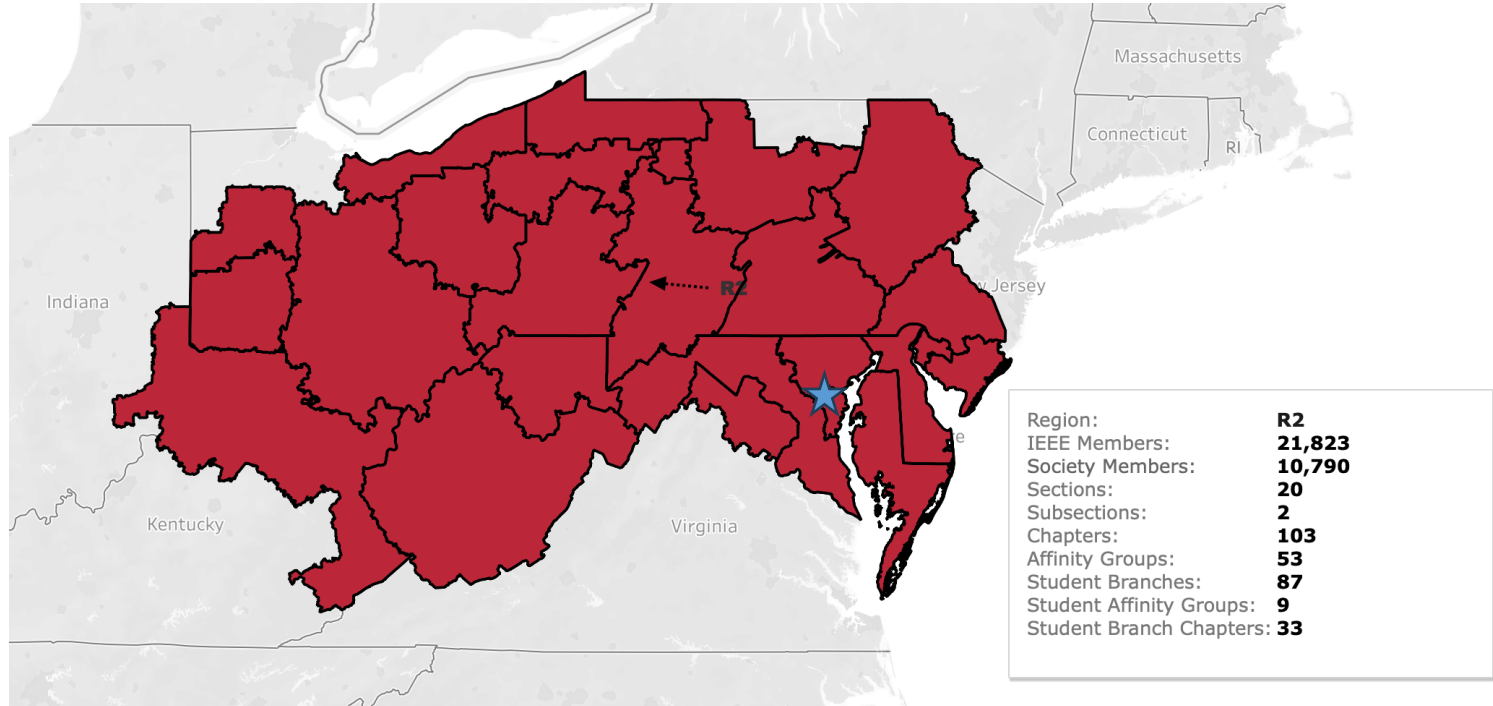
**Local Activities and Region Realignment Activities:** Recognize and share the best of Section activities through an initiative that helps to capture activity in one section that can be used in another Region Realignment Activities this year will focus on joint opportunities in the areas of Professional Activities and Young Professionals.

**Training and Leadership Continuity:** Develop and roll-out training for section and region officers. Outline and establish a leadership pipeline for current and future volunteers in local sections.

**Financial Transparency and Growth:** Regional funds support all members, and members should be easily able to see how funds are being, and planned on being, used. Changes in membership seem to be on the forefront of everyone's mind, the Region needs to investigate additional sources of income, including actively growing our conference portfolio.

# Who is Region 2?

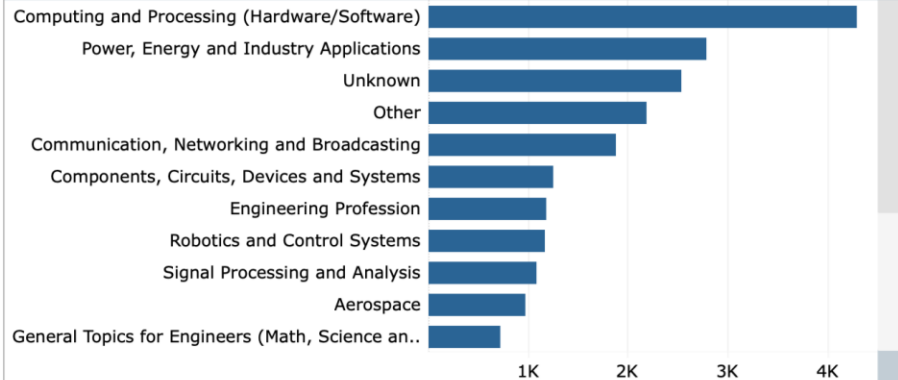
*United States, Mid-Atlantic*



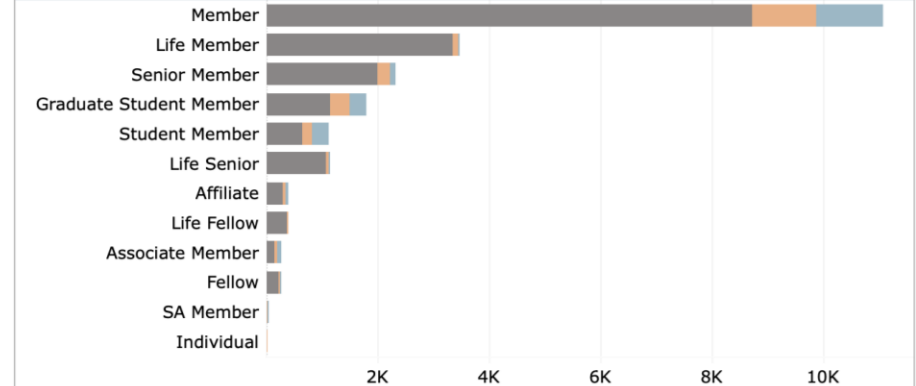
# Who is Region 2?

## *Membership by Technology Focus, Grade*

Count by Technology Focus Area



Count by Grade and Gender



# Who is Region 2?

## *Membership by Society/Affinity Group*

	<b>% of Total</b>	<b>Quantity</b>
IEEE Young Professionals	19.32%	4165
IEEE Computer Society Membership	14.25%	3073
IEEE Power & Energy Society Membership	8.11%	1748
IEEE Communications Society Membership	6.53%	1408
IEEE Signal Processing Society Membership	4.22%	910
IEEE Robotics and Automation Society Membership	3.45%	743
IEEE Antennas and Propagation Society Membership	2.79%	602
IEEE Microwave Theory and Technology Society Membership	2.72%	587
IEEE Aerospace and Electronic Systems Society Membership	2.63%	566
IEEE Industry Applications Society Membership	2.61%	563

# Regional Realignment Update

## *Region 1/2 Updates*

### ► 2023 Alignment

- Joint regional committee meetings
- Alignment on Secretary role (same format on messages and minutes)
- Start joint activities within Student Activities, Women in Engineering AG committees

### ► 2024 Alignment

- Alignment on Treasurer role (same format on budgets)
- Alignment on stand
- Start Joint activities within Professional Activities and Young Professional AG committees

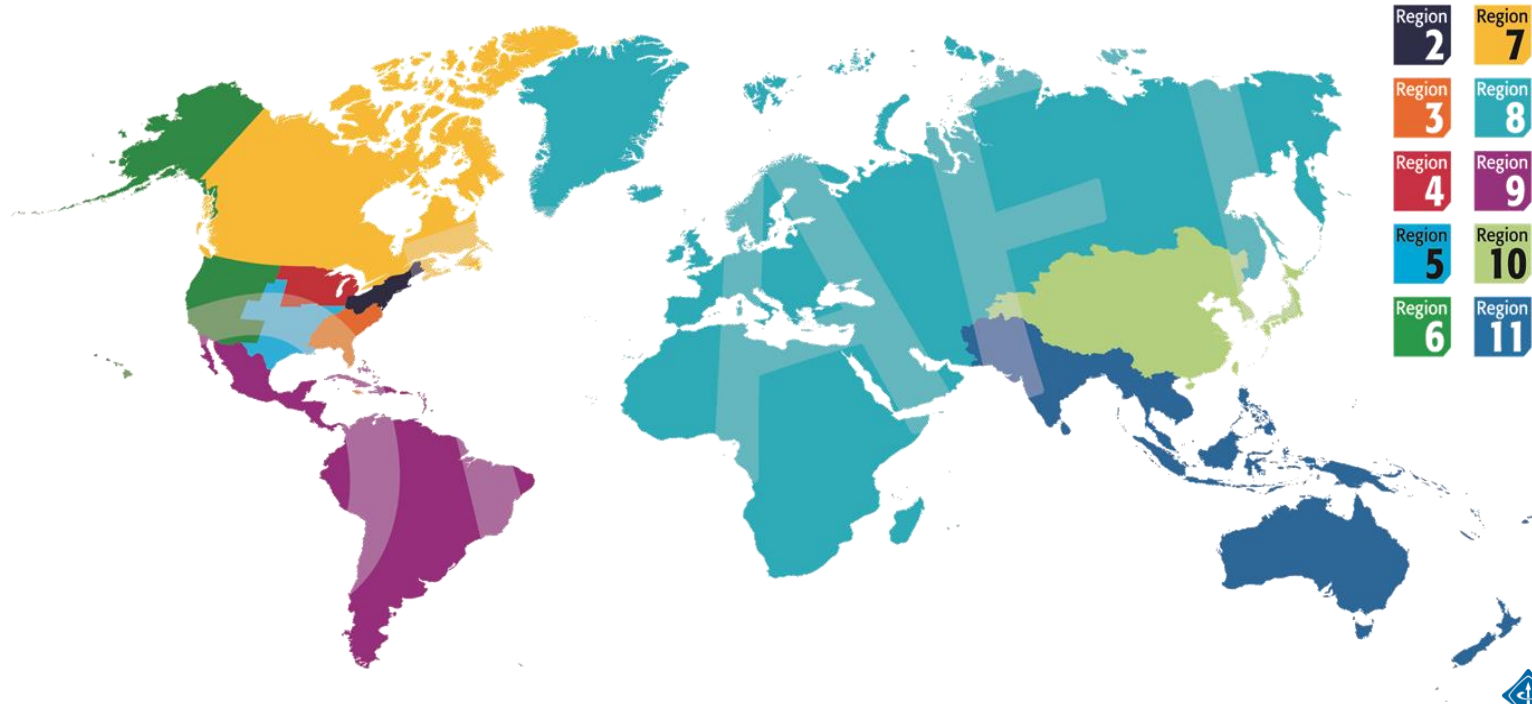
### ► 2025 Alignment (future activities)

- Bylaw (draft) creation for joint region
- Communication plan

Working towards joint regions before January 2028!

# Regional Realignment Update

*Future IEEE Regional Map (January 2028)*





Questions? Comments?

Please feel free to reach out to me!

# Who is Region 2?

## *Leadership Team*



# Who is Region 2?

## *Executive Committee*



**Jim Beck**

Area Chair



**Drew Lowery**

Region Director



**Neeta Basantkumar**

Secretary



**Chang Liu**

Area Chair



**Felicia Reinhart**

Director-elect



**Barb Frantom**

Treasurer



**Richard Jessop**

Area Chair



**Barry Tilton**

Immediate Past Director



**Li Bai**

Student Activities



**Joe Kalasky**

Professional Activities

# Engagement in Conferences

## *Technical Conferences in Region 2*

### **2024 IEEE Power & Energy Society Innovative Smart Grid Technologies Conference**

19 - 22 February 2024 | Washington, District of Columbia, USA | Event Format: In-person

Sponsors: IEEE Power & Energy Society

### **2024 IEEE R1/ R2 Joint Student Activities Conference**

5 - 7 April 2024 | Villanova, Pennsylvania, USA | Event Format: In-person

Sponsors: Region 01- Northeastern USA; Region 02 - Eastern USA

### **2024 17th Specialist Meeting on Microwave Radiometry and Remote Sensing for the Environment**

8 - 11 April 2024 | Alexandria, Virginia, USA | Event Format: In-person

Sponsors: IEEE Geoscience and Remote Sensing Society

### **2024 Integrated Communications, Navigation and Surveillance Conference**

23 - 25 April 2024 | Herndon, Virginia, USA | Event Format: In-person

Sponsors: American Institute of Aeronautics and Astronautics - AIAA; IEEE Aerospace and Electronic Systems Society

### **2024 IEEE International Symposium on Hardware Oriented Security and Trust**

6 - 9 May 2024 | Tysons Corner, Virginia, USA | Event Format: In-person

Sponsors: IEEE Computer Society

### **2024 IEEE 8th International Conference on Fog and Edge Computing**

6 - 9 May 2024 | Philadelphia, Pennsylvania, USA | Event Format: In-person

Sponsors: IEEE Computer Society

### **2024 IEEE 24th International Symposium on Cluster, Cloud and Internet Computing**

13 - 14 May 2024 | Philadelphia, Pennsylvania, USA | Event Format: In-person

Sponsors: IEEE Computer Society

### **2024 IEEE International Symposium on Dynamic Spectrum Access Networks**

13 - 16 May 2024 | Washington, District of Columbia, USA | Event Format: In-person

Sponsors: IEEE Communications Society

### **2024 IEEE World Forum on Public Safety Technology**

14 - 15 May 2024 | Herndon, Virginia, USA | Event Format: Hybrid (In-person and Virtual)

Sponsors: Future Directions Committee

### **2024 Annual Modeling and Simulation Conference**

20 - 23 May 2024 | Washington, D.C., District of Columbia, USA | Event Format: In-person

Sponsors: Association for Computing Machinery - ACM; IEEE Computer Society; Society for Modeling and Simulation Int.

### **2024 International Conference on Smart Grid Synchronized Measurements and Analytics**

21 - 23 May 2024 | Washington, District of Columbia, USA | Event Format: In-person

Sponsors: IEEE Industrial Electronics Society; IEEE Industry Applications Society; IEEE Instrumentation and Measurement Society; IEEE Power & Energy Society; International Council on Large Electric Systems - CIGRE; SGSMA Association, LLC

### **2024 IEEE IAS Pulp and Paper Industry Conference**

9 - 13 June 2024 | Charleston, West Virginia, USA | Event Format: In-person

Sponsors: IEEE Industry Applications Society

# Engagement in Conferences

## *Technical Conferences in Region 2*

### **2024 IEEE/MTT-S International Microwave Symposium**

16 - 21 June 2024 | Washington, District of Columbia, USA | Event Format: In-person  
Sponsors: IEEE Microwave Theory and Technology Society

### **2024 IEEE Radio Frequency Integrated Circuits Symposium**

16 - 18 June 2024 | Washington, District of Columbia, USA | Event Format: In-person  
Sponsors: IEEE Electron Devices Society; IEEE Microwave Theory and Technology Society; IEEE Solid-State Circuits Society

### **2024 IEEE/ACM Conference on Connected Health: Applications, Systems and Engineering Technologies**

19 - 21 June 2024 | Wilmington, Delaware, USA | Event Format: In-person  
Sponsors: Association for Computing Machinery - ACM; IEEE Computer Society

### **2024 103rd ARFTG Microwave Measurement Conference**

21 June 2024 | Washington, District of Columbia, USA | Event Format: In-person  
Sponsors: Automatic RF Techniques Group - ARFTG; IEEE Microwave Theory and Technology Society

### **2024 Device Research Conference**

24 - 26 June 2024 | College Park, Maryland, USA | Event Format: In-person  
Sponsors: Device Research Conference, Inc.; IEEE Electron Devices Society

### **2024 IEEE Cloud Summit**

27 - 28 June 2024 | Washington, District of Columbia, USA | Event Format: In-person  
Sponsors: IEEE Computer Society

### **2024 IEEE International Professional Communication Conference**

14 - 17 July 2024 | Pittsburgh, Pennsylvania, USA | Event Format: In-person  
Sponsors: IEEE Professional Communication Society

### **2024 IEEE National Aerospace and Electronics Conference**

15 - 18 July 2024 | Dayton, Ohio, USA | Event Format: In-person  
Sponsors: Dayton Section; University of Dayton

### **2024 IEEE AUTOTESTCON**

26 - 29 August 2024 | National Harbor, Maryland, USA | Event Format: In-person  
Sponsors: IEEE Aerospace and Electronic Systems Society; IEEE Instrumentation and Measurement Society

### **2024 IEEE 69th Holm Conference on Electrical Contacts**

6 - 10 October 2024 | Annapolis, Maryland, USA | Event Format: In-person  
Sponsors: IEEE Electronics Packaging Society

### **2024 IEEE Secure Development Conference**

7 - 10 October 2024 | Pittsburgh, Pennsylvania, USA | Event Format: Hybrid  
Sponsors: IEEE Computer Society

### **2024 IEEE Frontiers in Education Conference**

13 - 16 October 2024 | Washington, District of Columbia, USA | Event Format: In-person  
Sponsors: ASEE Educational Research Methods Division; IEEE Computer Society; IEEE Education Society

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### **2024 IEEE Digital Platforms and Societal Harms**

14 - 15 October 2024 | Washington, District of Columbia, USA | Event Format: Hybrid  
Sponsors: IEEE Computer Society; IEEE Society on Social Implications of Technology; Northern Virginia/Washington Jt. C Chapter

### **2024 International Symposium on Networks, Computers and Communications**

22 - 25 October 2024 | Washington DC, District of Columbia, USA | Event Format: Hybrid  
Sponsors: IEEE Communications Society; Tunisian Wireless Communications Society

### **2024 IEEE Military Communications Conference**

28 October - 1 November 2024 | Washington, D.C., USA | Event Format: In-person  
Sponsors: IEEE Communications Society

### **2024 IEEE 10th International Conference on Collaboration and Internet Computing**

28 - 30 October 2024 | Washington, District of Columbia, USA | Event Format: In-person  
Sponsors: IEEE Computer Society

### **2024 IEEE 6th International Conference on Trust, Privacy and Security in Intelligent Systems, and Applications**

28 - 30 October 2024 | Washington, District of Columbia, USA | Event Format: In-person  
Sponsors: IEEE Computer Society

### **2024 IEEE 6th International Conference on Cognitive Machine Intelligence**

28 - 31 October 2024 | Washington, District of Columbia, USA | Event Format: In-person  
Sponsors: IEEE Computer Society

### **2024 IEEE 11th Workshop on Wide Bandgap Power Devices & Applications**

4 - 6 November 2024 | Dayton, Ohio, USA | Event Format: In-person  
Sponsors: IEEE Electron Devices Society; IEEE Power Electronics Society; Power Sources Manufacturers Association

### **2024 IEEE International Conference on Big Data**

15 - 18 December 2024 | Washington, District of Columbia, USA | Event Format: In-person  
Sponsors: IEEE Computer Society; International Society of Big Data and Bioinformatics