



Region 2 Update, Spring 2024

Drew Lowery, Region 2 Director

Who am I? Drew Lowery, Ph.D., SM-IEEE-HKN



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LinkedIn: www.linkedin.com/in/drewlowery

- ▶ Engineer. Educator. Innovator.
- ▶ Member of IEEE since 2001 and active volunteer since 2015
 - Region 2 Director
 - Past Region 2 RSAC, Past Pittsburgh Section Chair
- ▶ Have worked in academia (teaching and research), transportation industry, and start-up companies.

2024 Priorities

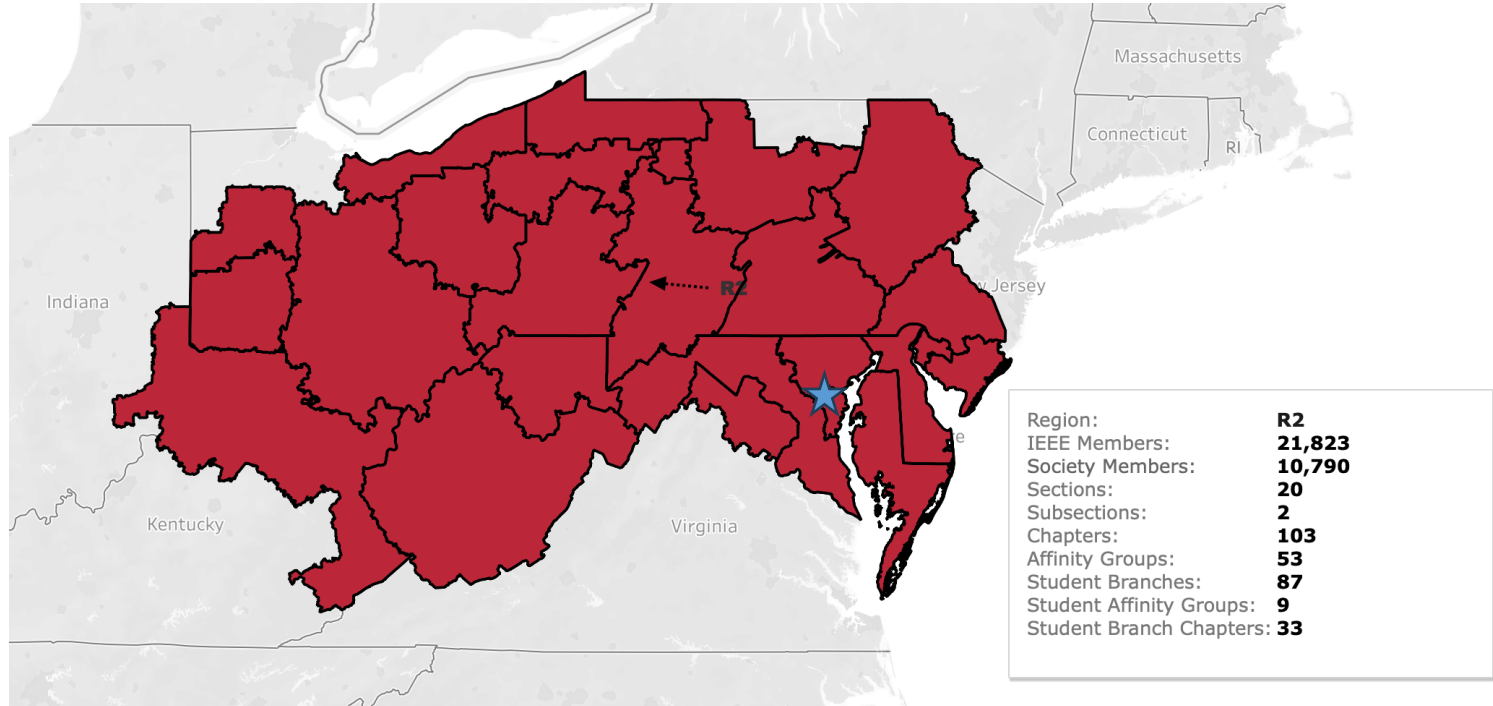
Local Activities and Region Realignment Activities: Recognize and share the best of Section activities through an initiative that helps to capture activity in one section that can be used in another Region Realignment Activities this year will focus on joint opportunities in the areas of Professional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

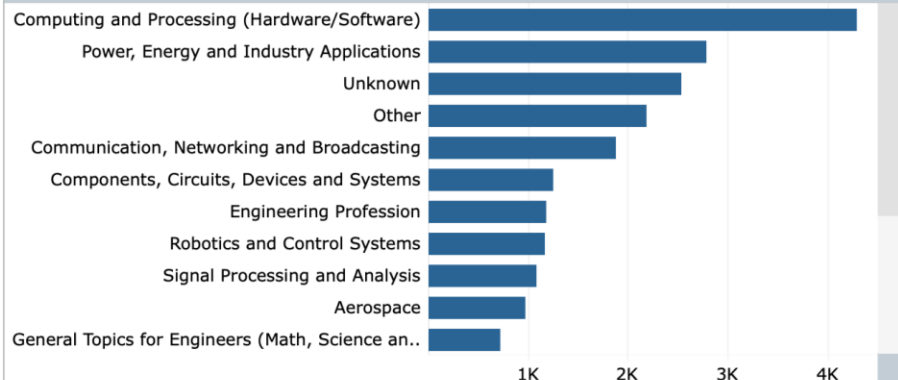
United States, Mid-Atlantic



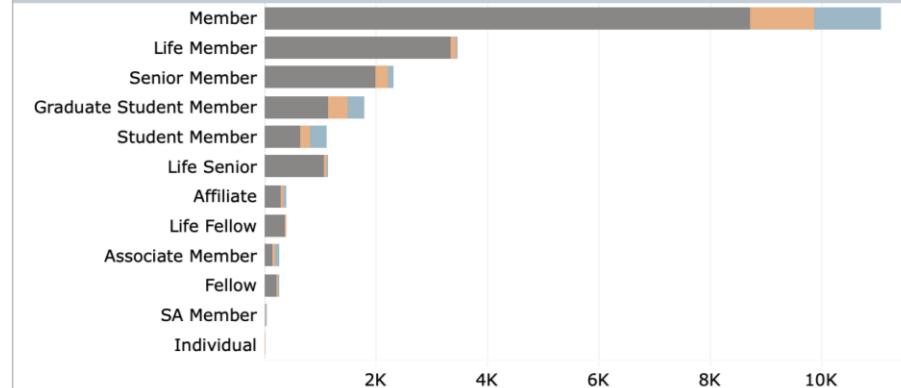
Who is Region 2?

Membership by Technology Focus, Grade

Count by Technology Focus Area



Count by Grade and Gender



Who is Region 2?

Membership by Society/Affinity Group

	% of Total	Quantity
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

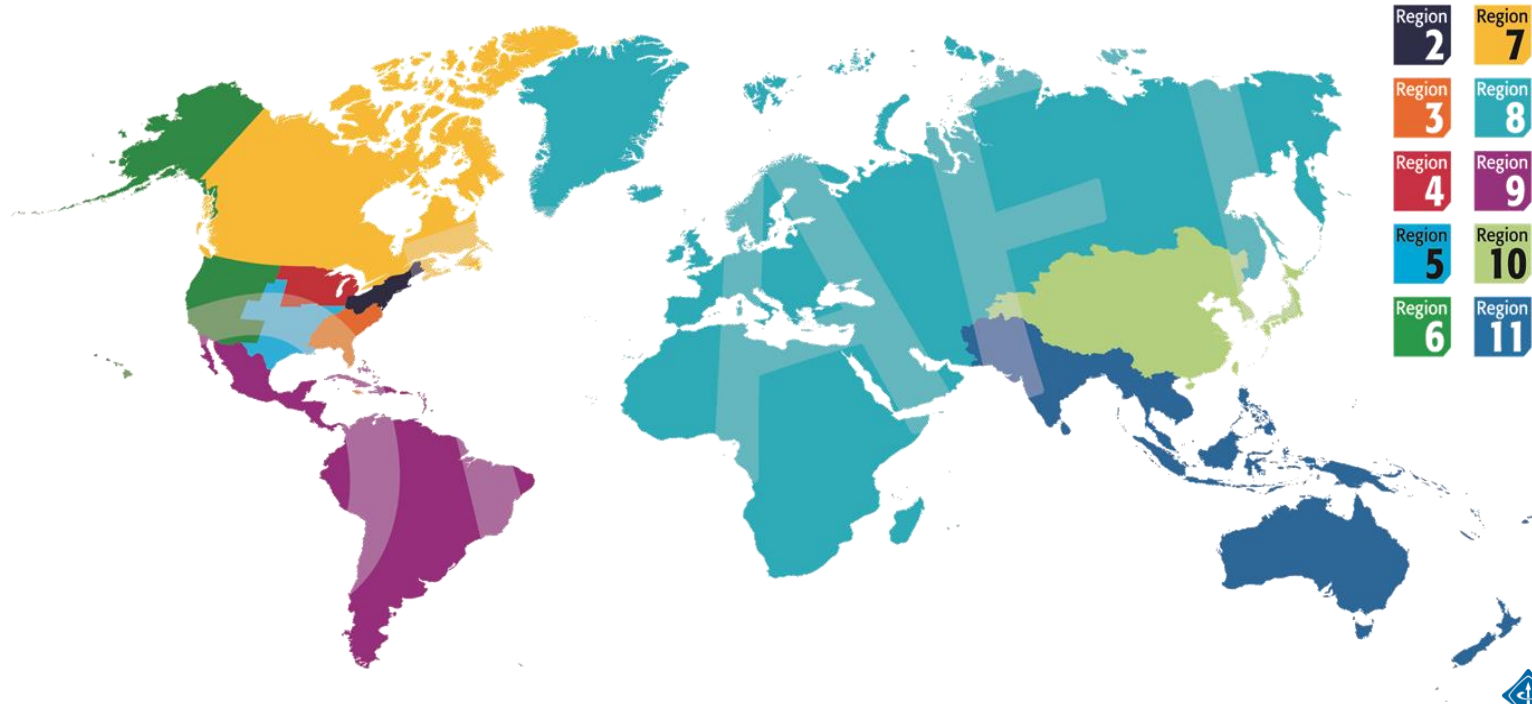
► 2025 Alignment (future activities)

- 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

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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Engagement in Conferences

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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