

# HOW IEEE PES SHAPED MY PROFESSIONAL CAREER & WHAT'S IN IT FOR YOU?



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# Short Bio

- Assistant Teaching Professor at WPI since 2012
- Over 20 years of experience with a range of responsibilities in power systems industry and academia.
- B.Sc. from the University of Sarajevo, Bosnia and Herzegovina, M.Sc. and Ph.D in electrical and computer engineering from the University of Waterloo, Ontario, Canada.
- Active in her volunteer work with the IEEE Power and Energy Society, 2016 – 2020 served as IEEE PES Vice President Education, nominated for IEEE PES President Elect 2022.

# IEEE: World's Largest Professional Association Advancing Technology for Humanity

## Our Global Reach

**420,000+**

Members



**39**

Technical Societies



**190+**

Countries



## Our Technical Breadth

**1,300+**

Annual Conferences



**3,600,000+**

Technical Documents



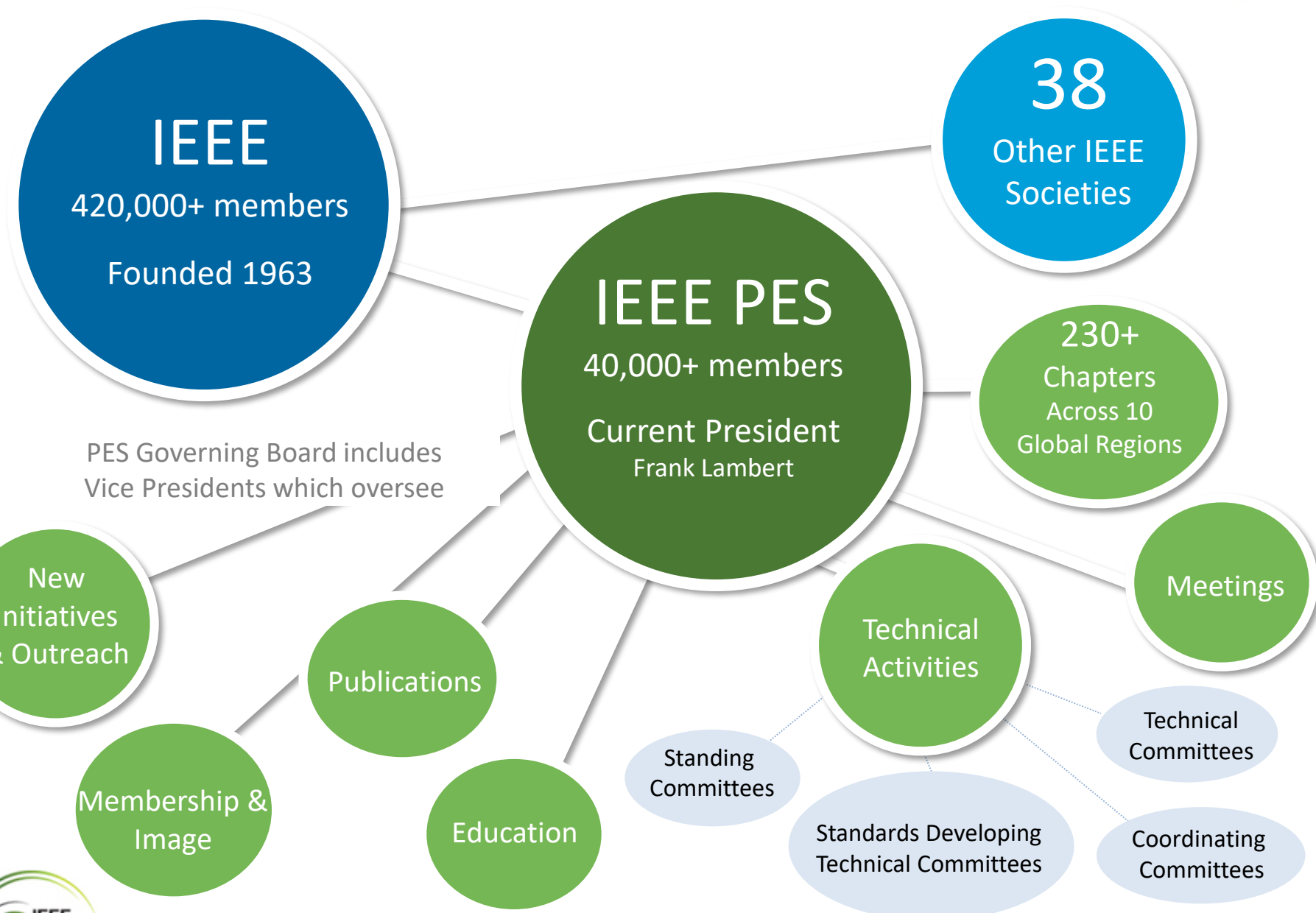
**160+**

Top-cited Periodicals

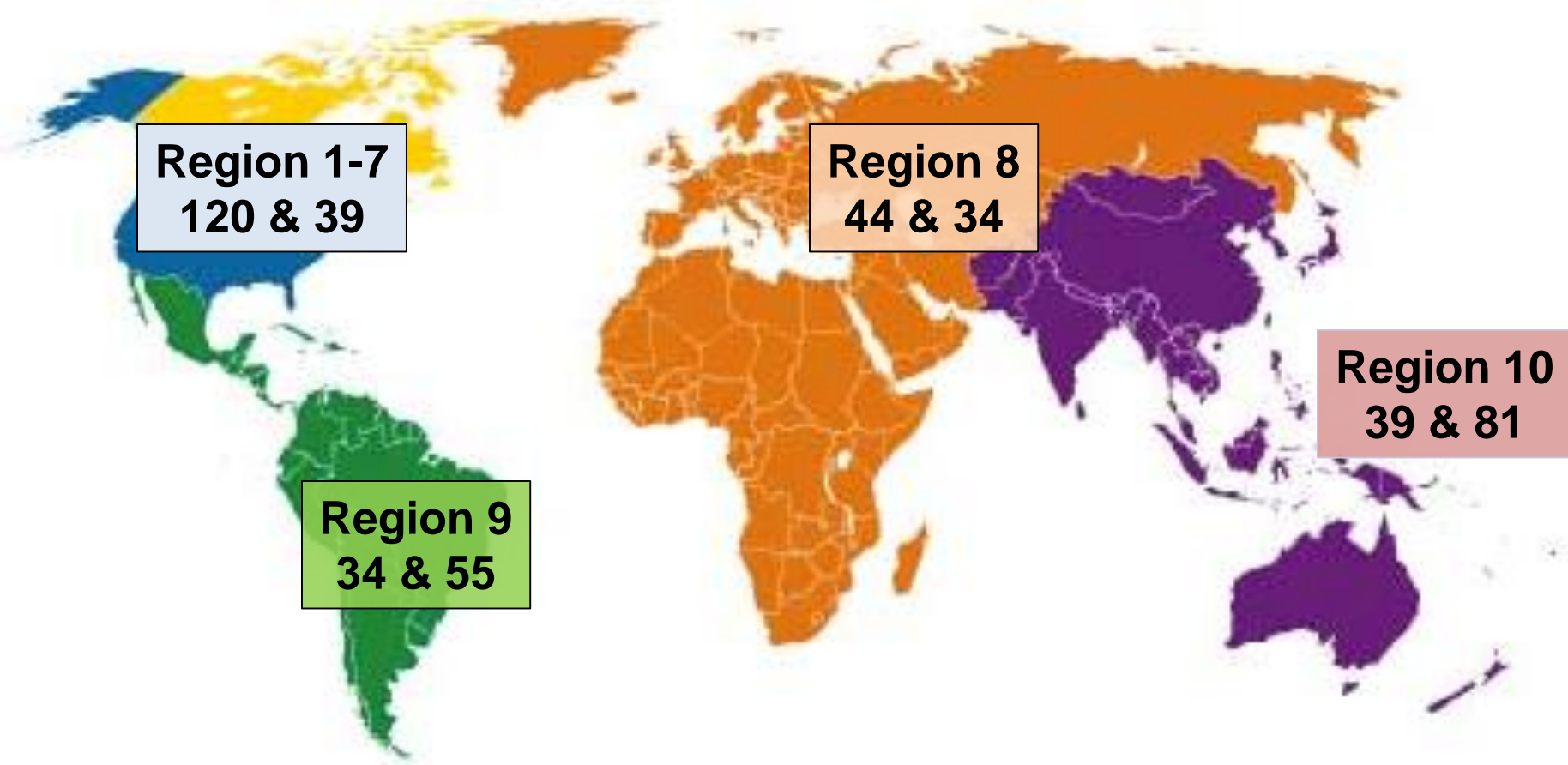


# IEEE Regions



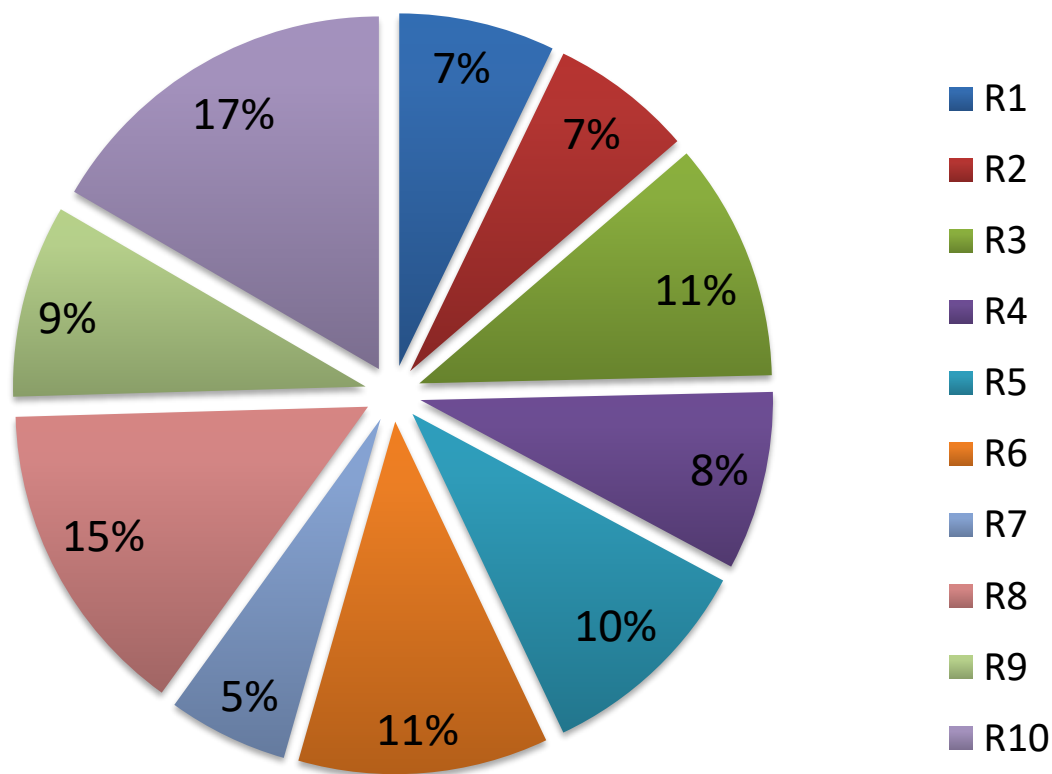


# A Record Number of Professional and Student Chapters Have Been Established



**237 Chapters – up from 230 in 2015**  
**209 Student Chapters – Up from 160 in 2015**

# Global Membership Growth



**41% of PES Members resides outside of North America**



# Publications

PES disseminates the latest knowledge through its two award-winning magazines, Transactions, and open-access journal.

- Additionally, latest PES updates shared in monthly eNews, bi-weekly PES eBulletin and other email announcements

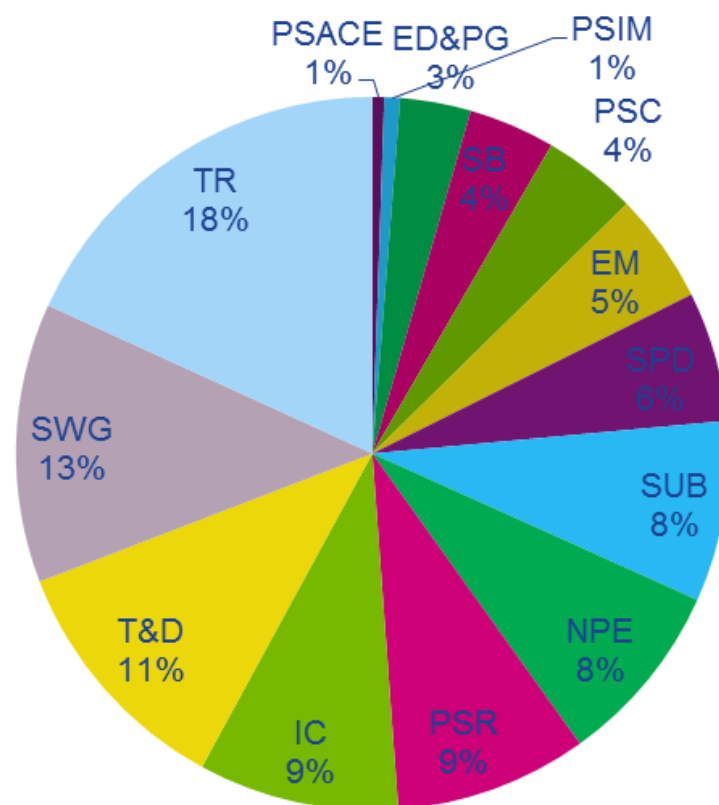




# 40%+ IEEE Standards are from PES

- 561 out of 1261, or 44%, of all published IEEE Standards are from PES
- 232 out of 552, or 42% of all active IEEE standards projects are from PES

## PES Active Standards by Technical Committee



# IEEE PES University



The IEEE PES University is a leader in the field of power engineering, providing access to knowledge and educational products that have credit-earning potential for [Power & Energy Society members](#) and non-members. PES University is led by a network of professionals with extensive experience in the power and energy industry providing their skills and time on a voluntary basis.

The volunteers work closely with IEEE staff to gather and publish industry-related education in the form of [webinars](#), [in-person](#) and [virtual tutorials](#), and [other learning programs](#) from power and energy professionals around the world.

[View the PES University Volunteer Structure](#)

If you have any questions or comments - please email us at [pes-university@ieee.org](mailto:pes-university@ieee.org).



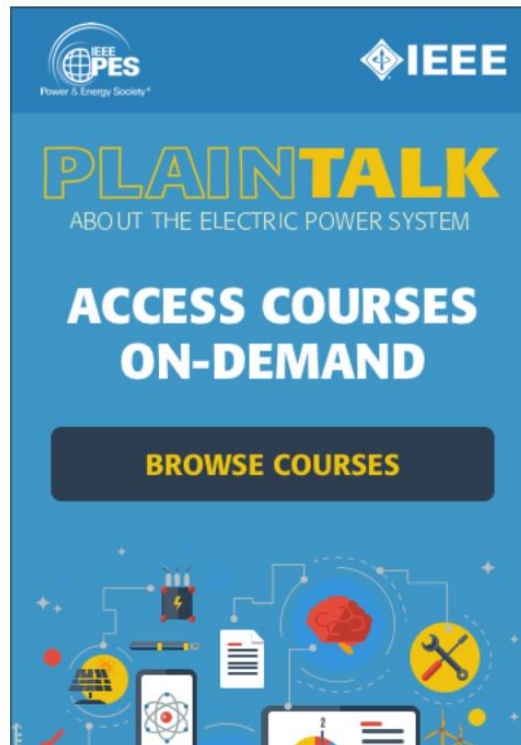
**WEBINAR**

April 8, 2021 | 11 AM EST

**Hydrogen-Electric Airplanes: A Disruptive Technological Path to Clean Up the Aviation Sector**

Presented by:  
Jonas Kristiansen Noland

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**ACCESS COURSES ON-DEMAND**

**BROWSE COURSES**



**IEEE PES TUTORIALS**

**ARE TRANSACTIVE ENERGY SYSTEMS A MYSTERY TO YOU?**

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**BROWSE TUTORIALS**

# IEEE PES Resource Center

- Better serve industry by creating more value
- Easy Access to Information to help with sharing best practices, education, industry trends, etc.
- Distribution tool for **digital** products (complements Xplore)
  - Technical Committee Reports
  - Industry Surveys
  - Standards
  - Tutorials with CEUs and PDHs
  - Videos, Presentations, Webinars, etc.



E-Commerce – Enabled: But ALWAYS  
FREE for PES Members

Visit: [resourcecenter.ieee-pes.org](http://resourcecenter.ieee-pes.org)

# Benefits of IEEE PES Participation

- Learning new skills and technologies and gain information and insight from others through conferences, committee participation, webinars, etc.
- Drive and understand standards and key technical issues: Enhance and protect current and future investments, shape industry practices, gain a voice at the technology table, and influence new developments
- Enabling participants to build a network of professional colleagues for fast access, advice, and problem-solving
- Gain and enhance mentoring, management and speaking skills

# PEEC Student Poster Session and Housing

- Hotel support is available to selected students subject to availability of funding for following conferences:
  - IEEE PES General Meeting
  - IEEE PES Transmission & Distribution Conference and Exposition
  - North American Power Symposium
- Student Activities Subcommittee also organizes poster/paper contest in these conferences.
- Top three winner gets certificates and cash awards with help of local conference organizers.

# PES Outstanding Student Scholarship

- The PES Outstanding Student Scholarship recognizes the top 20 students from around the world who have chosen an academic path leading to an electric power and energy engineering career.
- Applicants must be:
- An IEEE PES Student Member (or any member grade) in good standing
- A full-time student who is pursuing a Master's of Science degree in Electrical Engineering (MSEE)/Masters of Engineering (M.Eng) or an equivalent designation with a focus in electrical power engineering. **Individuals pursuing their PhD are not eligible for this award.**
- Must be attending a university or college that has an active IEEE Student Branch which offers a substantive educational program in electrical power engineering
- Each recipient (up to Twenty (20)) will receive a plaque and a prize amount of US\$10,000. The prize funds will be distributed directly to the student.

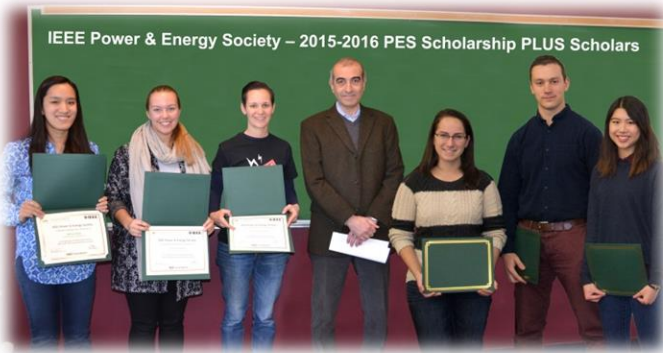




## IEEE Power & Energy Society **SCHOLARSHIP PLUS INITIATIVE®**

*Preparing the Next Generation of Power & Energy Engineers*

- Addressing the workforce shortage in the power and energy industry in the USA, Canada & Puerto Rico
- IEEE PES India Scholarship Award – started in 2016
- Overall goal is to distribute as many scholarships as possible - offers a Scholarship & Career experience opportunities to attract top performing EE students into power & energy careers



- Program has had an impact, but additional support (financial contributions and internship opportunities) is needed
- Donate online [www.ee-scholarship.org](http://www.ee-scholarship.org)

# Questions

