

# **IEEE Chicago Section Annual Expo & Fair October 3, 2020**

## **IEEE Region 4 Engagement with Industry and Industry IEEE Members**



# **IEEE** Region 4 Industry Engagement

*The IEEE Region 4 Industry Engagement Committee welcomes all attendees of the Chicago Section Annual Expo & Fair. We hope you find this event to be educational as well as enjoyable. Thank you to the supporting “Industry” Sponsors.*

# **IEEE** Region 4 Industry Engagement

*James (Jim) N Riess, Retired Professional Engineer, LSMIEEE*

- *Consulting Project Electrical Engineer 1970 - 2018*
- *Registered Professional Engineer 1978 - 2020*
- *Worked primarily for Architectural and Engineering (A&E) Firms and Mechanical/Electrical Engineering (M&E) Firms*
- *IEEE member since 1967*
- *IEEE Region 4 Director 2011-2012*
- *IEEE Board of Directors 2011-2012*
- *IEEE Region 4 Industry Engagement Committee Chair 2019-2020*



Photo of proud retired engineer

# **IEEE** Region 4 Industry Engagement

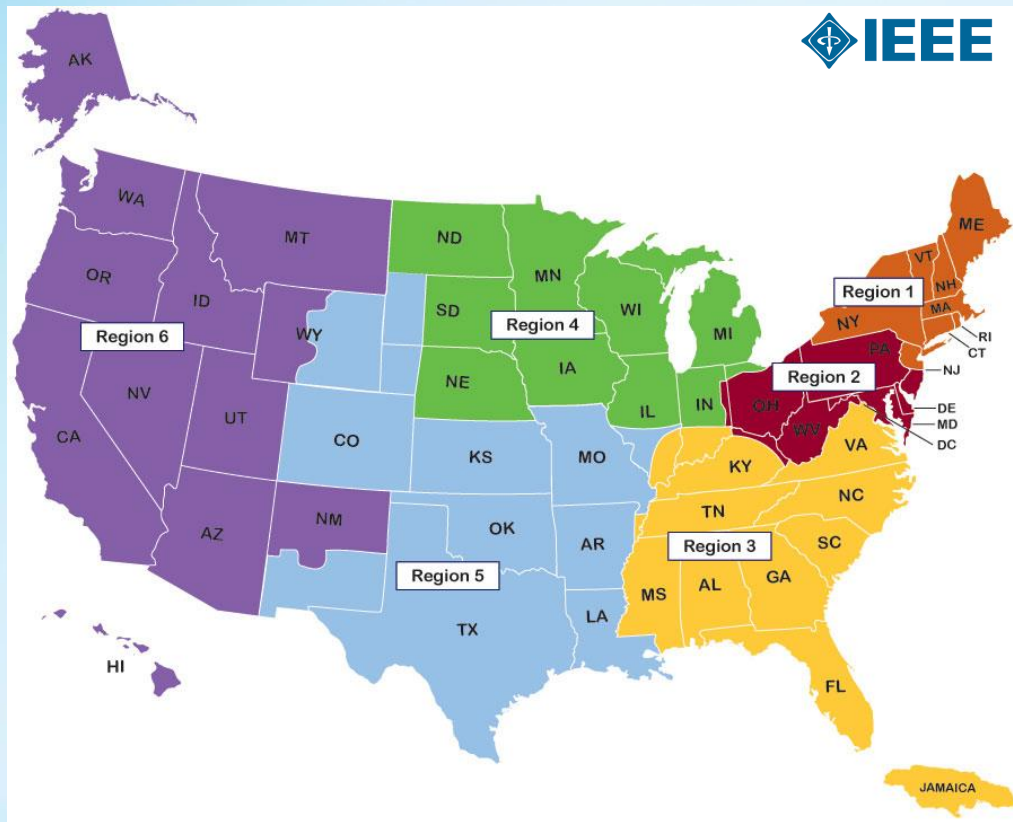
## ***About IEEE***

***IEEE is the leading professional association for the advancement of technology. With over 420,000 members in more than 160 countries, IEEE is the world's largest technical professional society. Through its global membership, IEEE is a leading authority on areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power, consumer electronics, and many other technical areas. Members rely on IEEE as a source of technical and professional information, resources and services. To foster an interest in the engineering profession, IEEE also serves student members in colleges and universities around the world, advocates for the profession and helps to introduce technology careers to young people worldwide.***

## ***Region 4***

***Serving IEEE Members in all or parts of Illinois, Indiana, Iowa, Michigan, Minnesota, Nebraska, North and South Dakota, Ohio, and Wisconsin.***

# IEEE Region 4 Industry Engagement



*Region 1 – 29,565 7.0%*  
*Region 2 – 25,130 5.9%*  
*Region 3 – 27,548 6.5%*  
***Region 4 – 19,901 4.7%***  
*Region 5 – 25,482 6.0%*  
*Region 6 – 51,311 12.2%*

*Total USA – 178,937 42.3%*

*Non-USA – 243,523 57.6%*

***Worldwide – 422,460 100.0%***



# IEEE Region 4 Industry Engagement



*Region 7 – 17,253 4.1%*  
*Region 8 – 77,519 18.4%*  
*Region 9 – 18,224 4.3%*  
*Region 10 – 130,527 30.9%*

*Non-USA – 243,523 57.7%*

*USA – 178,937 42.3%*

*Worldwide – 422,460 100.0%*



# IEEE Region 4 Industry Engagement

*The Region 4 Industry Engagement Committee facilitates Region 4 industry engagement activities broadly across the Region, coordinates at the Region and Section level, identifies and acts on opportunities, gaps and overlaps across Region 4 and launches initiatives of needed development of products and services that meet the needs of industry, government and industry professionals.*

*Some of the goals of the Region 4 Industry Engagement Committee:*

- Facilitate activities and programs that will build strong relationships with industry, government and industry professionals, and increase Region 4's understanding of their needs.*
- Identify and act on opportunities and gaps, e.g., identifying industry segments or verticals not adequately addressed by existing IEEE services and act by launching initiatives in partnership with other OUs aimed at covering such gaps.*



# IEEE Region 4 Industry Engagement

- *Gather input from the OUs, industry leaders and professionals that will help in the development of strategic directions related to the needs of industry, government and industry professionals.*
- *Assist the Region 4 Executive Committee with its industry outreach activities, and by identifying other events and opportunities for focused interaction supporting engagement and relationship building with industry, government and industry leaders.*
- *Monitor industry-related activities across Region 4, identifying opportunities to provide support, coordinating efforts where needed, leveraging successful activities, merging efforts, and launching activities with the goal of strengthening and harmonizing IEEE efforts aimed at addressing the needs of industry, government and industry professionals.*
- *Help all Organizational Units, including Sections, Societies and Councils, form their own industry engagement structures so as to facilitate IEEE engagement with the particular industry entities in their respective scope.*





# IEEE Region 4 Industry Engagement

*One of the major Region 4 Committees is the Industry Engagement Committee (R4IEC) chaired by **Jim Riess**.*

*This Committee consists of **seven** subcommittees:*

- one member chairs each one of the subcommittees.*
- There are **8 working and 3 advisory members** on the main committee.*
- Region 4's Special Projects Committee assists with our projects when needed.*



**R4**



# IEEE Region 4 Industry Engagement



***1. The R4IEC gathers input from industry practicing engineering professionals that will help Region 4 and its Sections in the development of their strategic plans related to the needs of industry and IEEE industry practicing professionals.***



# IEEE Region 4 Industry Engagement



***2. The R4IEC helps Sections develop informational documentation regarding IEEE activities which will be of interest to industry when Sections pursue engagement with industry.***

# **IEEE** Region 4 Industry Engagement



***3. The R4IEC develops a database of contacts with local industries and their professional employees and databases of past, present and proposed industry-themed programs in the Region to assist sections in organizing industry-themed events.***

# **IEEE** Region 4 Industry Engagement



***4. R4IEC works with IEEE Sections to plan/execute “IEEE Section hosted” events directed toward the industrial and practicing engineering members.***

# **IEEE** Region 4 Industry Engagement



***5. R4IEC works with IEEE Sections and Industry Entities to plan/execute “Industry hosted” events directed toward the industrial and practicing engineering members. Job Postings are a spinoff of this committee.***

# **IEEE** Region 4 Industry Engagement



***6. R4IEC works with IEEE Sections and Industry Entities to plan and execute “networking events” for interaction between Industry Management and IEEE Industry Professionals and IEEE Section Management.***

# **IEEE** Region 4 Industry Engagement



## ***7. R4IEC works with IEEE***

***Sections and Industry entities to plan and execute a virtual event whether hosted by an industry entity or an IEEE Section. Facilitates virtual events by education and making available usage of a platform for execution of virtual events.***



# **IEEE** Region 4 Industry Engagement

*Whether you are an IEEE practicing engineering member or a future IEEE practicing engineering member, the IEEE Region 4 Industry Engagement Committee (R4IEC) wants to insure that there are industry-themed programs which provide value to you. Industry is a key player in this goal.*

# IEEE Region 4 Industry Engagement



Contact Jim Riess, R4IEC  
Chair at [j.riess@ieee.org](mailto:j.riess@ieee.org)  
for more information about  
how the Industry Engagement  
Committee can work with IEEE

Sections and Industry entities to develop  
valuable Industry Engagement Programs.