



# Advancing Technology for Humanity

## December 2022

A word from our chair Mike Brisbois...

What a great year it has been for the IEEE Consultant Network Seattle and Seattle Section. We congratulate our new president Elect Sanjay Samuel Seattle Section and wish his team a productive year. Our IEEE Consultant Network was awarded one of the best in the West. Congratulations to you all! Our new incoming IEEE President Thomas Coughlin has done several talks for our group. Welcome Tom!



Sanjay Samuel, President Elect at IEEE Holiday Event

The year in review: We kicked off the year with the IEEE Green Energy Conference followed by the IEEE Health and Electronics Conference on November 11, 2022. On November 18, 2022 we

had the IEEE IT Symposium and on June 20, 2022 the IEEE Seattle Tech Conference in Redmond Washington. On August 5, 2022 we had the IEEE Tri-Cities Tech Conference in Richland Washington. On September 23, 2022 we had the IEEE Seattle Engineering Conference in Bellevue Washington we welcomed a great line up of speakers including our very own City of Bellevue Mayor Dr. Lynne Robinson. Finally, we concluded our conference tour in Boca Raton Florida with the IEEE Miami Tech Conference. We are announcing our 2023 calendar of events: Join us for the IEEE Las Vegas Tech Conference and Expo on April 21, 2023, followed by the IEEE Chicago Tech Conference and Expo on September 22, 2023 and concluding in Tucson for the IEEE Phoenix Tech Conference and Expo on December 8, 2023. Our virtual Conference includes the IEEE Financial Summit on January 20, 2023 followed by the IEEE Electrical Safety Conference on January 27, 2023.

We would like to thank our consultants for their part in making our network a success. We foster and promote the interests of our members for technical and professional services. We maintain an on-line directory and provide and offer professional and management talks. The IEEE is the world's largest technical professional organization for the advancement of technology with over 420,000 members and 80 different technical societies. We would like to hear from you. What type of new and innovative topics can you present to our group?

We would like to thank all those that attended our IEEE Holiday Networking event in downtown Bellevue. It was great to connect with you and

your colleagues. We look forward to seeing you at our upcoming events. We plan on taking a tour of the Doosan Grid facility in downtown Seattle in February 2023.

IEEE Miami Tech Conference just concluded. We had a great line up of speakers including Olympic medalist coach Tom Maloney who coached USA Olympian to her bronze medal in weight lifting in 2016 Rio Games. We were honored to host Steve Pullins, CTO of Alphastruxure who spoke on Energy as a Service and Matthew Willis who spoke on the Electrification of the Port of Canaveral. Other interesting topics included Gerry Vurciaga's talk on grid modernization and cybersecurity and Jonathan Casamayor's talk on Beam Forming Microwave RF Communications. We look forward to seeing you all at the IEEE Las Vegas Tech Conference and Expo on April 21, 2023.



IEEE Las Vegas Tech Conference and Expo April 21, 2023

Another series we have been doing is the IEEE CN Smart Cities. We have native speakers from various smart cities around the globe including Morocco, Switzerland, Auckland New Zealand, Singapore, Barcelona and Berlin Germany. This month we will have Bellevue Washington USA. Our Mayor Dr. Lynne Robinson will be kicking off with new and innovative Q&A on the great City of Bellevue Washington. What does it take to be a smart city? A Smart City uses information and communication technology to enhance livability, sustainability, and resiliency. Some key attributes include Smart Buildings, Smart Water, Smart Energy, Smart Transportation/mobility and Smart Public Safety.

Another segment we have been highlighting is our codes and standards. IEEE has a strong standards group in cybersecurity, microgrids and electromagnetic fields. We bring in top speakers from each of these groups to discuss changes to the Standard and emphasize important sections of the Standard to be aware of. Typical interactive sessions are 20-40 minutes long and include 5-10 minutes of Q&A. Each month we have a difference IEEE Tech Talk from various

topics from our variety of consultants. The IEEE has over 80 different technical societies from consumer electronics to power and energy. One objective for 2023 is to connect with our other USA IEEE Consultant networks. Each network has a unique style. Connecting with fellow Consultant Network enhances the strength of the IEEE as we move forward through our technical advances. Some societies include the metaverse (digital reality) and wireless networks. Finally, we would like to connect with the IEEE leadership. Tom Coughlin will be leading our 420,000 members into 2023. We wish him and his team the best of luck.



IEEE Holiday Networking Event Dec 14, 2022

Finally, we would like to thank our sponsors. Our sponsors help to support our goals and aspirations of connecting the technical and professional engineers and bringing quality on line and in person events such as the IEEE Seattle Engineering Conference and the IEEE Las Vegas Tech Conference and Expo. In honoring our sponsors, we provide two by three-foot full color banners at our events, listed on our conference webpage and announced prior to the event, posted in our conference program and honored at the closing ceremony. We would like to promote you and your organization and help you get noticed and for your organization to thrive.