

2024 Florida West Coast Section Election

17 November 2024 12:00 AM - 01 December 2024 11:59 PM

America/New_York

Welcome to the '2024 Florida West Coast Section Election' ballot.
Please follow the provided instructions in order to place your vote.

Instructions

Welcome to the 2024 Florida West Coast Section Election! I want to take this opportunity to personally express my sincere appreciation for you being an IEEE member!

Our duty and responsibility is to ensure that your voting rights are protected and that you are confident that your vote is accurately cast and tabulated. We will utilize the vTools.Voting system for our elections.

Please select one candidate for each position or specify a write-in candidate.

Contact me at leandro.maciell@ieee.org if you have any questions.

Thank you for voting – your vote counts!

Chair

Term Start Date: 01 Jan 2025

Term End Date: 01 Jan 2027

Choose a candidate:

- Mounika Vitta Bukka
- Michael Mayor
- I abstain

Know your candidates:



Michael Mayor

Bio

Current first term Chair, Florida West Coast Section

Joint Chapter Chair AESS/IMS

Michael Mayor is an Independent Consultant providing Systems Engineering Services to the Aerospace and Defense Industries in the areas of Secure Information Systems and Secure Communication Networks.

Formerly, he was Vice President / Chief Scientist, Advanced Technology Research, in the Aerospace / Communications Division of ITT Defense Electronics. He conducted Research of Advanced Systems Engineering and Technologies for Secure Communications, Signals Intelligence and Emitter Geolocation Systems for Terrestrial, Airborne and Spaceborne Systems and their Subsystems. These included: Radio Frequency Transceivers, Software Defined and Cognitive Radio Systems, Digital Receivers and Digital Signal Processing algorithms.

Previously, as Technical Director and Principal Engineer he conducted the Design, Development, Field Testing applying Instrumentation and Measurement Technology and, in some instances, Deployment Support, of Secure Communications, Signals Intelligence and Emitter Geolocation Systems.

He authored six patents in Spread Spectrum Communications and Digital Instrumentation. He received the ITT Defense & Electronics Engineered for Life Award, for his technical contributions in Communications, Geolocation and Microelectronics. He is an IEEE Life Senior Member and holds a Master of Science in Engineering (MSE) from the School of Engineering and Applied Sciences at the University of Pennsylvania. He is a Licensed Professional Engineer (PE) in the State of VA, and a member of the National Society of Professional Engineers (NSPE).

Position Statement

As the IEEE Florida West Coast Section Chair, I will continue to emphasize the Advancement of Technology for Humanity. I will strive to increase IEEE's relevance to existing and new Industry Members and facilitate their connection with members from both Academia and Industry. I will make great efforts to keep members informed of short and long-term technology trends affecting their profession. I will help members make informed career decisions and increase their professional recognition. I will also greatly encourage the

participation of local Universities and Student Organizations. I will also encourage and support the local Chapters to hold Conferences, which show the current State of the Art on applicable technologies, relevant to IEEE members.



Mounika Vitta Bukka

Bio

I'm a Power Systems Engineering expert with higher management responsibilities having 7.5+ years of experience in executing protection studies/technical recommendation/project management, design and development for North America Operations. And also my certificate from HBS, MA (HARVARD BUSINESS SCHOOL) which shows you how effective I'm towards sustainable businesses like how AMAZON/TESLA/RED WOOD MATERIALS etc companies deal with.

I have knowledge of power system simulation software like SKM, EASY POWER, ETAP, and I am familiar with PSPICE, ECAD, numerical relays programming software like Schneider and SEL. Hands on experience on Calculation of relay setting, transformer sizing calculation, cable sizing etc.

Proficient in simulation studies like load flow, short circuit analysis, motor starting, relay and breaker coordination, grid impact & feasibility studies, arc flash hazard analysis, etc.

- Having experience of Design and Engineering activities like transformer sizing calculation, cable sizing calculation, capacitor sizing calculation.
- Demonstrated skills in managing onsite team members throughout the project life cycle ensuring smooth workflow.
- An effective communicator with excellent relationship building and interpersonal skills.
- Exposed in understanding how the expansion of renewable energy generation resources will impact grid reliability and security in the huge power systems domain. Empowering the operational tasks required in today's energy commerce and Smart Grid.
- Creates solutions for Distributed Energy Resource management, AMIOT, battery storage, and Electric Vehicle (EV) charging network management, and other advanced systems.

Position Statement

- Expertise in the project management and product management to enhance the quality.
- My research interest areas include distribution and transmission networks, transmission operations and planning, voltage control and stability, optimization, power system modeling, analysis, and control for increasing renewable integration.
- Anticipates, identifies and resolves engineering-related problems or potential problems within assigned areas, and may propose solutions to such issues. Coordinates software changes with other internal departments and with associated vendors as appropriate.
- Provides technical expertise and business rule support to other departments and external entities relating to market operations. Participates in various customer initiatives.
- Provides SME guidance for the department's technology and processes and will assist others to understand technical information, participate in committees, projects and meetings and recommend procedures.

Vice Chair

Term Start Date: 01 Jan 2025

Term End Date: 01 Jan 2027

Choose a candidate:

- Manjit Chakraborty
- McPharlen Mgunda
- Andrew Seely
- I abstain

Know your candidates:



Andrew Seely

Bio

Professional:

Full time faculty instructor in the Computer Science department at Hillsborough Community College

Adjunct Assistant Professor of Computer Science for the distance education program at the University of Maryland Global Campus

Self-employed Federal and Defense contracting consultant for IT and Cybersecurity

Current IEEE Roles:

Member IEEE HKN

IEEE Senior Member

Computer Society Board of Governors Member 2024-2025

Standards Association Working Group P1228 Secretary

Region 3 Member Communications Committee Chair

Florida West Coast Section Computer Society Membership Development Coordinator

Florida West Coast Section Vice Chair

Member of Computer Society and Consultants Network

Past IEEE Roles:

Florida West Coast Section Computer Society Chair

Region 3 Section Support Committee member, Senior Membership Coordinator

Member of IEEE's 2019 Congressional Delegation.

Founding member of the U.S. Government Communities of Interest ad-hoc committee

Led the international IEEE Student Volunteer Program pilot

Position Statement

In a follow-on term as vice chair, I will continue to refine and improve our executive committee participation, ensuring all positions are filled with actively contributing members, help FWCS organizations to conduct and report on chapter activities, and engage current and future members.

Future plans for the vice chair role include:

- Articulating the FWCS geographic boundary, normalizing the expectations of FWCS, Region 3, Membership and Geographic Activities, and the U.S. Postal Service.
- Increasing membership awareness and engagement, including encouraging and empowering the membership development coordinator role to create new ways to connect with our members, such as a social media presence.
- Supporting the student branches advisor in establishing new student organizations at University of Tampa, St. Pete College, HCC, and FGCU.
- Supporting the conferences coordinator in attracting new international IEEE conferences to the Bay Area.

It's an honor to serve!



McPharlen Mgunda

Bio

McPharlen Mgunda is Project Engineering Manager for HICO America. Previously, he worked for NextEra Energy as Principal Engineer, SMA as Electrical Engineer (Research and Development), UniversalPegasus

International as Chief Substation Inspector and Electricity Supply Corporation of Malawi as District

Manager. He is an active member of IEEE Standard Association and was involved in revising IEEE 1547.1-

2018 and development of IEEE P2800-2022 Standard. He is Subject Matter Expert, (SME) in Power

System Analysis, Design and Operations, Interconnection Studies, Large Scale PV and Battery Storage

Energy Systems. He is a collaborative communicator focused on team work and promoting cooperation across international business lines to drive positive change and deliver comprehensive

approaches for enhanced productivity.

Position Statement

As a Vice Chair, I will fully support the Chair's agenda to ensure organization membership growth.

During my tenure of Vice Chair of IEEE R3 Florida West Coast, I intend to strengthen the organization by targeting the following areas:

- Fundraising by involving participation of Engineering companies within our jurisdiction.
- Increase college students' participation in the organization by conducting conferences and Techfest, that is, students can present technical research projects.
- Involve high school students within our area to encourage them to focus on STEM programs which will lead them to Engineering careers.
- Increase IEEE R3 Florida West Coast Members' participation in IEEE Standard development.

NOTE: There are a lot of IEEE Standards being revised and developed which need a lot of technical inputs



Manjit Chakraborty

Bio

Accomplished Technology Leader with extensive global experience in pioneering enterprise modernization initiatives, cloud adoption strategies, and cutting-edge solutions leveraging AI, machine learning, and advanced analytics. Proven track record in driving innovation, spearheading digital

transformation, and delivering operational efficiencies for Fortune 500 companies and systematically important financial institutions across the globe.

Has recently achieved the distinction of IEEE Senior Member.

Position Statement

For the Vice Chair position, I would dedicate my skills as outlined below.

I am a Senior Solutions Architect in the Global Financial Services organization at Amazon Web Services (AWS). I have extensive experience driving strategic initiatives, modernizing legacy systems, optimizing performance, and leveraging cutting-edge technologies like AI and machine learning across the globe.

I have a proven track record of leading large-scale, mission-critical projects for major financial institutions like State Street, JPMC, PPJV, Key Bank, Citi etc.

Some notable achievements in my current role includes:

- Spearheaded the migration of State Street's Fund Connect platform to AWS, enabling their new SaaS model and facilitating seamless client onboarding.
- Orchestrated State Street's multi-million dollar data center exit strategy, crafting a detailed migration plan to transition their North American data centers to AWS.
- Architected an advanced security services enablement program for GlobalLink, enhancing their cloud security posture with services like GuardDuty, Inspector, and Security Hub.

- Pioneered an enterprise-wide data governance and archival solution for State Street, establishing a standardized framework for efficient data management and compliance.
- Implemented a cutting-edge Text-to-SQL solution using AWS GenAI services for State Street Global Advisors, reducing query time by 40% and achieving 90% accuracy.

Beyond project execution, I have actively contributed to advancing organizational capabilities at AWS and previous companies.

This includes championing product feature requests, establishing centers of excellence, driving thought leadership initiatives, and fostering industry collaborations.

I have authored several technical articles, books, and blog posts, showcasing my expertise in areas like zero trust architecture, mainframe modernization, and data access streamlining on AWS.

Additionally, I have been an invited reviewer for IEEE technical research papers, served as a judge for prestigious cloud computing and business awards, and been a panelist for customer events and hackathons. I have also presented at various internal and external AWS events, as well as the recent IEEE Cloud Summit.

My diverse experience across financial services, cloud computing, AI/ML, data analytics, and thought leadership, combined with my leadership skills and passion for innovation, position me well to make valuable contributions as the Vice Chair.

I am committed to promoting technological excellence, fostering collaboration, and driving impactful initiatives that benefit the local tech community.

I am also working closely with IEEE Cloud Summit chair to advance the Industry and Academia partnerships for the upcoming events.

In addition to IEEE, I am also associated with the listed forums on the aspect of Industry Collaboration.

BIAN - Member

ISSIP – Ambassador

AI Frontier Network- Ambassador

UIDP - Member

SCRS – Technical Program Committee

Secretary

Term Start Date: 01 Jan 2025

Term End Date: 01 Jan 2027

Choose a candidate:

- Chung Seop Jeong
- I abstain

Know your candidates:



Chung Seop Jeong Bio

<https://www.linkedin.com/in/chung-seop-jeong-3a805021b/>

Dr. Chung-Seop Jeong is an Associate Professor of Instruction in the Department of Electrical Engineering at the University of South Florida. His research expertise focuses on control systems, with a particular interest in designing resilient, robust, and adaptive observers and controllers for both linear and nonlinear systems, as well as chaotic and stochastic systems.

Dr. Jeong teaches several engineering courses at USF, including programming in C, computer tools lab, engineering analysis, and courses on optimization. In addition to his teaching duties, he serves on various committees, including the Curriculum Committee and the Student Success Committee. He is also involved in professional organizations, acting as co-advisor for IEEE – USF and IEEE-HKN, and he serves as the secretary of the IEEE Florida West Coast Section.

Dr. Jeong holds a PhD from Marquette University and is recognized as a senior member of IEEE.

Position Statement

Seeking reelection with a commitment to continuing the progress achieved through current programs and responsibilities. By ensuring the continuation of these initiatives, the goal is to sustain and expand the positive impact made during this past tenure.

Treasurer

Term Start Date: 01 Jan 2025

Term End Date: 01 Jan 2027

Choose a candidate:

- Robert Demelo
- Hugo Santos
- Claude Pitts
- I abstain

Know your candidates:



Robert Demelo

Bio

Power system professional with vast experience within the transmission space, managing groups of engineers in the disciplines of transmission planning, transmission services, and system protection. Effective team and relationship building while developing interpersonal and organizational skills across team members. Process and results driven with a proven track record of leading successful negotiations and transactions, strategic discussions, economic evaluations and planning sessions surrounding transmission and business development. Very knowledgeable in the various areas of transmission planning, NERC, FERC, open access transmission tariffs, network operating and transmission service agreements, and electricity and transmission pricing/rates, principles, and methodologies.

Position Statement

Seeking reelection. Continuation of current programs and duties.



Hugo Santos

Bio

With an established career in the area of information technology, I work as a Director in multiple capacities, ranging from the strategic management of e-commerce operations in large marketplaces to the development and outsourcing of complex IT systems. I have extensive experience in selling products and services with government entities and private sector companies, managing sales on marketplaces such as Amazon, eBay and Mercado Livre, and leading bidding processes and government contracts. Great personal relationships and high commitment to the projects involved, always looking for great challenges to overcome in the constant search for knowledge of new technologies and work tools.

Senior Member of IEEE (Institute of Electrical and Electronics Engineers)

Senior Member – Apr 2024

Being recognized as a Senior Member of IEEE is not just a milestone in my career; it's a testament to my deep commitment to a field that has always inspired me. Achieving this status, which only a small percentage of professionals reach, makes this accomplishment even more meaningful

to
me.

This recognition reflects a journey filled with challenges and innovations, where I've had the privilege to lead projects that make a real impact, publish work that advances knowledge, and collaborate with brilliant minds from around the globe. Being part of this select group of Senior Members connects me to a global community of innovators, allowing me to continue learning, growing, and contributing to the future of technology.

Position Statement

Hugo Santos
Candidate for Treasurer
IEEE Region 3
September 19, 2024

Dear Members of the IEEE Region 3 Council,
I would like to express my deep interest and commitment in applying for the position of treasurer for IEEE Region 3. I fully understand the importance of this role in maintaining the financial health and continued growth of our organization, and I am prepared to fulfill my responsibilities with seriousness, transparency, and dedication. My primary goal as treasurer will be to ensure solid and transparent financial management. I believe that trust is the foundation of any successful organization, and it is through clear and open communication that we will build that trust. I intend to keep all financial processes accessible and comprehensible, providing regular and detailed reports on the financial status of our region. In doing so, I will ensure that all members are fully aware of how resources are being managed and applied. In addition to transparency, I am committed to optimizing the use of available resources, ensuring that every fund is allocated responsibly and strategically. My focus will be on efficiency, without compromising the quality of the activities we promote for the benefit of our members and the IEEE community. As treasurer, I also see my role as a facilitator, supporting the local sections and their initiatives. I will work to ensure that all processes are straightforward and effective, allowing financial resources to reach where they are most needed and encourage the development of new projects. In summary, I commit to maintaining Region 3 in accordance with the highest standards of financial responsibility and to collaborating with each of you to ensure the continued growth of IEEE. I appreciate the opportunity to apply for this position and am available for any further clarification. Sincerely,
Hugo Santos
Candidate for Treasurer of IEEE Region 3



Claude Pitts Bio

I am currently an Active Sr Member of 18 years and current Treasurer FWCS. I am Past Vice-Chair and Past Chair of FWCS, Past Vice-Chair and Past Chair Florida Council, Past R3 Area 4 Chair, Past R3 Life Member Coordinator. Past Vice-Chair and Past Chair of FWCS joint Chapter PE/IAS. I look forward to the opportunity to continue to serve FWCS as Treasure for 2025.

From Linked In:

Claude V. Pitts, III, PMP

Practice Lead - ADMS, Derms, EMS - Lead Business and Technical Consultant - 40 years of Utility Operational, Application Engineering and Subject Matter Expertise in Power System Protection and Controls

I have 40 years of Utility Operational, Application Engineering and Subject Matter Expertise in Power System Protection and Control (P&C), DER/Microgrid, Substation, Field Automation, SCADA Engineering Applications and a Certified Project Management Professional.

I have effective operational experience in the utility industry, with positions in IOU Utilities. I am open to 50-60% travel for remote office positions. Tampa Airport is 30 minutes from my home, and is well served by all major airlines.

I have excellent references available from Industry leaders, as well as an array of work samples to support my credentials.

Position Statement

I do and will continue to promote fiscal responsibility and promote the individual Chapter/Affinity groups to plan functions and look for alternative sources of funding such as their 'national parent', Region 3 and IEEE in general and in the case of our Student Branch/Chapters any additional opportunities afforded by their University. All can agree these Student Branch/Chapters are the future of IEEE but we cannot forget our . It is paramount that Section Leadership engage the members to understand the memberships needs. The Section leadership must place member engagement/satisfaction above all else- after all when our members become disenfranchised when leadership promotes themselves and their 'achievements' above the membership we all lose.