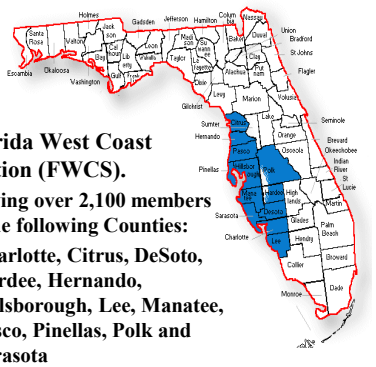

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Florida West Coast Section (FWCS)
Please Check the Website Often for UPCOMING EVENTS (Front Page Right Column)
https://r3.ieee.org/fwc/

The SunCoast Signal

The Institute of Electrical and Electronics Engineers, Inc.

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Next ExCom Meeting
Tuesday, June 4, 2024
Google Meet
Register with vTools
https://events.vtools.ieee.org/m/420753

PE Corner
Art Nordlinger, PE, Life Senior Member
What Qualifies for Continuing Education Hours (Part 2)

Continuing with last month's discussion of different ways to earn Continuing Education Hours (CEHs), here are some others that are, arguably, applicable to a smaller group of engineers. I will continue my editorial commentary on Sections 61G15-22.003 and .004 of the Florida Board of Professional Engineer's rules that address this.

Authoring published technical engineering papers, articles, or books; or accepted licensee examination items for NCEES. Each published peer-reviewed paper or book in the licensee's area of professional practice is equal to 10 continuing education hours. Each published paper or article in the licensee's area of professional practice is equal to 5 continuing education hours.

Authoring accepted licensee examination items for NCEES is equal to 2 continuing education hours. If you've been thinking about publishing a paper, might be time to dust it off and get it reviewed.

Patents. Each patent developed using engineering principles is equal to 10 continuing education hours.

Active participation in professional or technical societies. Civic or trade organizations do not qualify under this provision. Credit for this activity requires that the licensee serve as an officer of the organization or actively participate on a committee in the organization. Continuing Education credits are not earned until the end of each year of completed service.

Continued on Page 2

PE Corner - Continued from Page 1

Active participation in professional and technical societies as described in subsection 61G15-22.003(6), F.A.C. Each hour of participation is equal to 1 continuing education hour, with a maximum credit of 4 continuing education hours per renewal period. Get involved! You could earn up to 4 hours for your participation.

Section 61G15-22.005 discusses non-qualifying activities. Activities that do not qualify as Continuing Education Hours include but are not limited to the following: (1) Self-generated courses, that being courses generated and presented by the licensee to himself or herself for continuing education credit. (2) Personal self-improvement courses. (3) Equipment demonstrations or trade show displays. (4) Enrollment without attendance. (5) Repetitive attendance or teaching of the same course. (6) Tours of buildings, structures, schools, museums and such unless there is a clear objective to maintain and strengthen competency in a technical field. (7) Regular employment. (8) Personal, estate or financial planning. (9) Courses the content of which is below the level of knowledge and skill that reflects the responsibility of engineer in charge.

Finally, I would note that if you have questions regarding qualifying or non-qualifying activities, there are very knowledgeable folks at the Board's offices ready to help.

Whether you are a PE looking to attain required CEHs, or an engineer looking to learn something new or keep current with the latest trends in the profession, IEEE has seminars that will meet your needs. With renewal only 9 months away seminar demand is high. Sign up now!

THE SUNCOAST SIGNAL, published monthly by the Florida West Coast Section (FWCS) of the Institute of Electrical and Electronics Engineers, Inc. (IEEE). **Please Note that the SUNCOAST SIGNAL is sent each month to ACTIVE members of the IEEE Florida West Coast Section. So to continue receiving the SIGNAL please keep your membership Active, meaning, renew your membership when it becomes due.** Annual subscription is included in the IEEE membership dues. The opinions expressed, as well as the technical accuracy of authors, advertisers or speakers published in this newsletter are those of the individual authors, advertisers, and speakers. Therefore, no endorsement by the IEEE, its officers, or its members is made or implied. All material for THE SUNCOAST SIGNAL is due in electronic form by the end of day of the 1st Monday after the 1st Tuesday of the month, i.e. the ExCom meeting, preceding the issue month. Contact: **michael.mayor@ieee.org**

IEEE PES Power & Energy Society®

IEEE Florida West Coast Section

FECA Florida Electric Cooperatives Association, Inc.

AM Session: A Safe, Reliable, & Secure System – A SERC Overview
PM Session: Best Practices for Distributed Generation Interconnection Studies
In-Person Event – 2024 FECA Engineers Conference

Date: **Monday, June 10, 2024**
Time: **8:00am – 5:00pm**
Speaker: **Various speakers - SERC Reliability and Compliance Teams**
Para Patel & Samantha Ball – TRC Companies, Inc.
Location: **SandPearl Resort - 500 Mandalay Ave., Clearwater Beach, FL 33767**
Cost: **$150 Members, $220 Non-Members, $20 Students**
CEH Credits: **Eight (8) CEHs provided for this event. Florida provider #0003849.**
RSVP: **Online at: https://events.vtools.ieee.org/m/416604**
Questions: **Kayla Allemang – Kallemang@ieee.org**

Morning Session: A Safe, Reliable, and Secure System – A SERC Overview - A team of SERC senior staff members with vast experience in the industry will discuss the role of NERC and the regions in helping to ensure the reliability and security of the Bulk Electric System. Topics will include:

- NERC CIP Standards Overview
- Physical security issues and challenges entities of all sizes are facing.
- Ongoing grid transformation and the current state of inverter-based resources

Afternoon Session: Best Practices for Distributed Generation Interconnection Studies – Changes to the distribution system and higher penetration of Distributed Generation (DG) drives a need for robust analysis of new interconnection requests. This seminar will provide insight into industry best practices in DG interconnection studies, including:

- High level goals, approaches, and outputs of interconnection studies
- Protection sensitivity, coordination, 3V0 Protection, Anti-islanding analysis
- System Studies considerations including, load flow, power factor, flicker, and thermal analysis
- Typical challenges seen in systems with increased DG penetration

SPEAKERS

SERC Team:

- Senior Reliability and Security Advisors – **Chris Holmquist, Travis Moran, Ernie Schism, and Patrick Steir**
- Senior Coordinate of Certification and Registration – **Pete Heidrich**
- Senior O&P Compliance Auditor – **Serge Beauzile, P.E.**

TRC Team:

- Manager of System Protection **- Paras Patel**
- Power System Studies Supervisor - **Samantha Ball**

IEEE Robotics & Automation Society

IEEE Florida West Coast Section

IEEE computer society

Meeting with the Innovation Laboratory

Date: Friday, June 14, 2024

Time: 11:00 AM - 12:00 PM All times are (GMT-05:00) US/Eastern

Speaker: Chad Mairn is an Information Services Librarian, Assistant Professor, and founder of the Innovation Lab at St. Petersburg College.

Location: St. Petersburg College, 9200 113th Street, Seminole, FL 33772

Building: St. Petersburg College Seminole Campus

Cost: No Cost

CEH Credits: None

RSVP: Online at: https://events.vtools.ieee.org/m/417754

Sponsored by Florida West Coat Section
Robotic and Automation Society Chapter,
Computer society Chapter

Questions: Sean Denny - venner20@aol.com

Abstract: The Innovation Lab (iLab) is a collaborative learning environment, oftentimes referred to as a "technology playground", where people of all ages and with similar interests in science, technology, engineering, digital arts, and math can meet, socialize and/or collaborate while sharing ideas and learning new skills. The iLab provides emerging technologies (e.g., Virtual Reality, Artificial Intelligence, Brain-Computer Interfaces, 3D design/printing, 360-degree imagery etc.) to show what is possible now and into the future. There are no judgments, no grades, and it is encouraged to color outside the lines.

Speaker: Chad Mairn is an Information Services Librarian, Assistant Professor, and founder of the Innovation Lab at St. Petersburg College. While an undergraduate studying Humanities at the University of South Florida (USF), Chad was awarded a Library of Congress Fellowship helping archive personal papers and other items in the Leonard Bernstein Collection. During his Library and Information Science graduate work, also at USF, Chad became a technology liaison between the Bill and Melinda Gates Foundation and Florida public libraries.

IEEE PES Power & Energy Society®

IEEE Florida West Coast Section

IEEE IAS IEEE INDUSTRY APPLICATIONS SOCIETY

Advanced Distribution Protection & Control Applications Seminar

Date: **Friday, July 12, 2024**

Time: **9:00AM – 2:00PM (EST/EDT)**

Speaker: **Wayne Hartmann – GE VERNOVA, Grid Automation**

Location: **Seminole Electric Cooperative, Inc. – 16313 N Dale Mabry Hwy Tampa, FL 33618**

Cost: **Members: $100; Non-Members: $200; Students: $10**

CEH Credits: **Four (4) CEHs**

RSVP: **Online at: https://events.vtools.ieee.org/m/420621**

Questions: **Kayla Allemang - Kallemang@ieee.org**

Abstract: In this seminar, several advanced protection and control applications will be explored targeted toward the distribution system. These include:

- **High-Speed Falling Conductor Protection**: Use of synchro phasors to detect the rapid change in a feeder conductor's impedance when it breaks. The concept is to deenergize the feeder before the falling conductor contacts the ground. This prevents any arcing for fire mitigation and eliminates potential electrical shock hazard.

- **High Impedance Fault Protection**: Once a conductor breaks and contacts the ground, depending on the impedance, conventional overcurrent may or may not be able to detect the fault. For high impedance faults, the primary current may be very low (<10A primary). Precluding the use of conventional overcurrent protection. These types of faults may cause low amp level arcing with ground contact. This arcing may be examined, and by use of harmonics recognition and examining the randomness of the arcing, a high impedance fault may be declared.

- **Microgrid P&C**: Microgrids, depending on their assets and complexity, can employ a myriad of control implementations to optimize their operation. Microgrids can be employed for resiliency, reliability, energy arbitrage, peak shaving, and many other uses. The role of a secondary orchestration controller for the asset primary controllers will be examined. Depending on grid connected, grid isolated and transitioning operation, the protection requirements of the microgrid changes.

Wayne Hartmann is Advanced Applications Advisor (NAM) for GE Grid Automation, part of GE VERNOVA. In this role, he explores the application of new technologies in protection and control with Electric Utilities, Industrials, and the Consultants that support them, provides market research, provides input for new product development, and actively works with Sales and Application Teams. Wayne is a Senior Member of IEEE, serving as a Main Committee Member of the Power System Relaying and Control Committee (PSRC) for over 30 years.

He is, Chair Emeritus of the IEEE PSRC Rotating Machinery Subcommittee ('07-'10), has contributed to numerous IEEE Standards, Guides, Reports, Tutorials and Transactions, delivered Tutorials at IEEE Conferences, and was awarded FWCS IEEE PES/IAS Chapter Engineer of the Year in 2018. Wayne also Authored/Presented numerous Technical Papers at key Industry Conferences, contributed to McGraw-Hill's "Standard Handbook of Power Plant Engineering", and created Materials/Taught at Industry Leading Schools such as WEI Relay, Beckwith Electric, HPC Technical, TMEIC MV, and GE VERNOVA.

IEEE PES Power & Energy Society®

IEEE Florida West Coast Section

BRIDGESOURCE Utilities Solutions

One-Year Look Back: Design, Implementation, & Operations Duke Energy Hot Springs Microgrid

Date: Friday, August 09, 2023
Time: 9:00am – 2:00 pm (Eastern Time)
Speakers: Junior Hatcher, Carl Zindars, Jason Eruneo
CEH Credits: Four (4) CEHs
Cost: Members: $100 - Non-members: $200 - Students: $10
Location: Seminole Electric Cooperative, Inc.
16313 North Dale Mabry Hwy, Tampa, Fl 33618
RSVP: Register at https://events.vtools.ieee.org/m/420722
Questions: Kayla Allemang, kallemang@ieee.org

****Lunch and refreshments provided by BridgeSource Utilities Solutions****

Leaders from Duke Energy will provide an in-depth overview of one of the most advanced microgrids in the country, discussing the details of the microgrid project, the protection and control challenges and solutions, and lessons learned from operation experience.

Hot Springs, North Carolina, with a population of just over 500, has limited re-routing options should an outage occur, and the town has experienced a higher-than-normal number of long duration outages. A microgrid was proposed as a pilot program to the North Carolina Utilities Commission as part of Duke Energy's Western Carolina Modernization project. The main requirement for the microgrid was to pick up the town's entire load from a black start without any help from the energy grid – using only solar and battery storage to restore power. The microgrid consists of a 2-megawatt (AC) solar facility and a 4.4-megawatt lithium-based battery storage facility.

During this discussion, we will discuss the unique protection and control philosophies for a distribution system used to handle the challenges of an inverter-based-resource (IBR)-dominated system. We will also spend time on the details of the hardware-in-the-loop (HIL) validation process that provides a high degree of confidence that the engineering solution provides secure and dependable operation. To round out the meeting, Duke Energy will provide lessons learned on operating experience for this microgrid after more than a year in service.

Junior Hatcher – Renewable Engineering Manager at Duke Energy. Junior is responsible for the design, testing, commissioning, and ongoing engineering operations of Distribution connected Distributed Energy Resources. Junior graduated from NC State University and is a registered professional engineer in the state of North Carolina.

Carl Zindars – Carl Zindars graduated from the United States Naval Academy in 2000 and served eight years in the Marine Corps as a Communications and Information Systems Officer. He has been at Duke Energy for eleven years and has worked in the renewables field since 2008. Carl currently works as the SCADA and Controls Manager for Duke Energy's distribution tied battery sites.

Jason Eruneo – Jason graduated from the University of Florida with a Master of Science and an MBA. He is a registered professional engineer in the state of Florida. Jason is currently a Lead Engineer in the Operations, Automation, and Standards group at Duke Energy. He is tasked with ensuring the next generation of distribution assets are able to be tightly integrated into the existing distribution system.

Industry Veteran Shares Invaluable Insights on Professionalism and Career Growth with USF Engineering Students *(Article Created using Claude AI)*

On Friday, March 29th, Electrical Engineering students at the University of South Florida gathered for a special guest lecture by Ron Ambrosio, a retired IBM Distinguished Engineer and former CTO for Smarter Energy Research. Ambrosio, who currently serves as the chair of the student outreach program for the IEEE Florida West Coast section, shared his extensive experience and invaluable insights on becoming a successful and professional engineer in today's competitive industry.

Professor Jeong, one of the event organizers, introduced Ambrosio to the eager audience, highlighting his impressive career spanning over four decades. Ambrosio's journey included roles as a software engineer, system architect, manager, and director, as well as co-founding a startup that was later acquired by Vestas Wind Systems. With such a diverse background, Ambrosio was well-equipped to provide students with a comprehensive understanding of what it takes to excel in the engineering field.

Ambrosio began his presentation by emphasizing the importance of communication skills, declaring that "communication is king" in the professional world. He advised students to hone their presentation and interpersonal communication abilities, as these will be crucial for success in their careers. Ambrosio provided practical tips on creating effective PowerPoint presentations, such as using the "rule of three" to limit the number of key messages per slide and engaging the audience through concise bullet points. He also stressed the importance of being confident and clear when speaking to managers, team members, and clients, as this demonstrates professionalism and competence.

Next, Ambrosio delved into the concept of "playing the game," highlighting the need to adapt to different corporate cultures and dress codes. He encouraged students to make strong first impressions during interviews and to always strive to exceed expectations in their roles. Ambrosio shared anecdotes from his own career, illustrating how dressing appropriately and demonstrating a willingness to take on additional responsibilities can lead to faster career advancement. He also touched on the importance of being punctual and respecting others' time, as this showcases professionalism and reliability.

Addressing career growth, Ambrosio stressed the importance of continuous learning and skill development. He shared his own experiences of transitioning from IBM to a startup and eventually retiring, emphasizing the value of staying current with emerging technologies and trends. Ambrosio advised students to seek out mentorship opportunities and to never stop learning, even after graduating from university. He highlighted the significance of taking on projects that challenge one's skills and stepping out of comfort zones to gain new experiences and knowledge.

When asked about work-life balance, Ambrosio admitted that it can be challenging but urged students not to neglect their personal lives. He shared a cautionary tale of working too much during a family vacation, emphasizing the importance of setting boundaries and making time for interests outside of work to avoid burnout. Ambrosio encouraged students to prioritize their mental and physical well-being, as this will ultimately lead to better performance and job satisfaction in the long run.

The presentation concluded with an engaging Q&A session, where students asked Ambrosio about various topics, ranging from estimating project timelines to standing out in job interviews as new graduates. Ambrosio provided practical advice, such as breaking down projects into smaller tasks and including testing time in estimates and being honest about one's skills and eagerness to learn during interviews. He also emphasized the importance of showcasing extracurricular activities and involvement in professional organizations like IEEE on resumes, as this demonstrates a well-rounded individual with a passion for the field.

One student asked about ensuring confidence when moving up to the next level in one's career. Ambrosio responded by encouraging students to continuously learn and develop their skills, take on leadership roles within their teams, and seek guidance from mentors and managers. Another student inquired about salary negotiations and whether it was better to ask for stock options or change companies for better compensation. Ambrosio advised that while changing companies can often lead to significant salary increases, it is essential to consider job satisfaction and growth opportunities as well.

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As the event drew to a close, Professor Jeong asked Ambrosio about the changes he had witnessed in the engineering industry over his 40-year career. Ambrosio noted that while there had been an increase in burnout due to higher expectations and over-commitment, there had also been positive changes, such as the adoption of more flexible work environments and the ability to work remotely. He emphasized the importance of finding a balance between face-to-face interaction and virtual collaboration to maintain strong team dynamics and productivity.

The students left the lecture hall feeling inspired and better prepared for their future careers, armed with practical tips and a deeper understanding of what it takes to thrive in the engineering industry. Ambrosio's parting words of wisdom resonated with the audience: "Keep learning, keep growing, and always strive for excellence in your career and your life."

As the attendees filed out of the room, many expressed their gratitude for the opportunity to learn from such an accomplished and experienced professional. They eagerly discussed the insights they had gained and how they planned to apply them to their own career journeys. Professor Jeong thanked Ambrosio for his time and invaluable contribution to the students' education, emphasizing the importance of such events in bridging the gap between academia and industry.

The impact of Ambrosio's presentation was evident in the buzz of conversations that continued long after the event had concluded. Students exchanged contact information, forming new connections and pledging to support one another in their professional development. The event served as a testament to the power of mentorship and the importance of fostering a strong community within the engineering field.

As the students embarked on their own career paths, they carried with them the wisdom and guidance of Ron Ambrosio, a true industry veteran who had generously shared his knowledge and experience. With renewed determination and a clearer understanding of what it takes to succeed, these future engineers were ready to tackle the challenges and opportunities that lay ahead, poised to make their own mark on the ever-evolving world of engineering.

The students in the EE department, Professors Howell and Jeong (Event Organizers) and the department would like to express their gratitude to Mr. Ambrosio for sharing his experiences and wisdom with them.

Ronald Ambrosio, retired IBM Distinguished Engineer and former CTO for Smarter Energy Reserch

Exploring Career Paths For Engineering Fresh-Graduates: Learning From Dima Shaltaf Journey

Interview By Khalid Alosaylan With Dima Shaltaf As Part of A Series of Interviews with Professionals Addressing Topics Which Are of A Concern to Engineering Students At University Of South Florida

Introduction

Dima Shaltaf's career journey offers valuable insights for engineering students venturing into the professional world. Currently serving as a Senior Campus Recruitment Consultant at EY, a global consulting firm, Dima's story demonstrates the breadth of opportunities available to those willing to explore unconventional paths. With a degree in Civil Engineering from Al Balqaa Applied University, Dima's trajectory diverges from the traditional engineering career path, presenting a refreshing perspective for recent graduates like myself as we navigate our own career journeys.

Pursuing One's Passion

Dima's initial uncertainty about her engineering major resonates with many students, including myself, who may question the alignment of academic studies with career aspirations. However, she later discovered that her engineering background equipped her with valuable problem-solving and analytical skills, which proved important in shaping her professional path. In fact, when reminiscing about her first real-world engineering experience, she remarked, "I hated it," a thought that partially led her to explore alternative avenues where she could thrive. Reflecting on her internship experiences and career choices, Dima's stresses the importance of pursuing passions and interests. Despite facing challenges during her internships, she remained resilient, recognizing the need to pursue paths that resonated with her intrinsic motivations. This struggle is familiar to many recent graduates who may find themselves at a crossroads, unsure of how to align their academic training with their true passions.

Exploring Alternative Paths for Fresh Graduates

Dima's transition from civil engineering to the business side of the field highlights the adaptability of career trajectories. Her willingness to explore roles that integrated her love for technology and creativity demonstrates the adaptability of an engineering education, challenging the notion that an engineering degree limits career options.

Central to Dima's narrative is her proficiency in software and technology, which opened doors to unexpected opportunities beyond her academic discipline. Her side hobbies in graphic design using Adobe Illustrator and Photoshop, manifests the importance of developing transferable skills and embracing interdisciplinary pursuits. Ultimately, Dima's journey serves as evidence to the value of self-discovery, resilience, and the mindfulness to explore new career paths. By fostering a curious mindset and seeking opportunities beyond the confines of our degrees, engineering graduates can unlock a wealth of possibilities in diverse industries and roles.

Conclusion

Lastly, my conversations with Dima provided profound insight into the importance of daring to step out of the typical career trajectory. Her journey serves as a compelling example of leveraging engineering skills in unconventional ways. As an electrical engineering fresh graduate myself, Dima's story resonated deeply, offering a glimpse into the vast set of possibilities beyond traditional engineering roles. It enabled me with a realization that my technical expertise could be applied innovatively, opening doors to diverse career avenues where creativity, problem-solving, and analytical thinking are valued assets.

By that I concluded my interview. It was such an awesome chat with Dima Shaltaf!

Electrifying the Future with past knowledge
Interview with Joni S. Batson, a senior IEEE member, conducted by Mohamed Eltonamly, an international Computer Science freshman at USF.

To help me learn more about the working environment and career paths in the US, I recently participated in the IEEE Region 3 Student Interview project. This program helped me connect with Joni Batson, a senior IEEE member who worked at Ledios as a VP in the electrical group of the company. Thanks to her wonderful conversations with me, I ended up learning many useful insights and lessons about her own career path in life and what I can use to apply my own future path.

I started off by asking about how Joni's path in life was, and how she exactly ended up reaching Leidos and worked there for over 30 years, since I wanted to know about how it feels to work at a single company for that long. Joni first applied to Nashville Electric Service after getting her Master of Science at the University of Tennessee. She worked there for 16 years, but she ended up changing jobs to R. W. Beck, a local consulting firm, as she couldn't get a higher position at NES. This company then got absorbed by Leidos and now mostly works on federal and government projects for the defense sector.

I then asked Joni about what kind of interests she had that led her into electrical engineering. She told me about how she liked math a lot and originally wanted to become a math teacher, but she learned that engineering also required a lot of calculations but with many more career options and better income. Her father, uncle, and one of her cousins were also both engineers so she decided to try majoring in electrical engineering at Tennessee Technological University for her bachelor's degree. I was able to relate to her as my father is also a civil engineer back in my Home Country.

Moving on to some of Joni's accomplishments and impacts she made, she mentioned how happy she was to have gotten her state engineering certification as soon as she could to get her license, and her project management certification that she got 10 years ago. Both of those helped her secure better management positions at Leidos. She was also the president of the Nashville Engineering Association for a few years in the past and was treasurer for The Women's International Network of Utility Professionals. She also talked about how she tries to help her local IEEE branch by going to their STEM events for females and tries to do a lot of mentoring both at her workplace and her organizations. Her largest projects are ones that involve a bunch of planning when it comes to utilities and how to effectively use them, including projects for the military and national laboratories. All of this really showed me how hard-working Joni is when it comes to both her work and participation in local events and gives me a good guideline on how I should move forward in my professional life.

After that, we spoke a bit about how the think the field of electrical engineering will look like in the future. Since Joni works on utilities, she spoke about the utilities industry has changed quite a lot in the past 10 to 20 years, especially with the introduction of things like solar energy which changes their line of work, but she still believes it to be wonderful field to work. We also spoke about electrification of things such as vehicles and how that will open a lot of new positions for future EEs.

The main way that Joni benefited from her local IEEE chapter is through networking with other people by participating in local events, both in viewing and presenting them. She also went to some of the bigger conferences, and she found those useful in talking to many people from all over the world about electrification.

I think the most important takeaway from my conversation with Joni was about her biggest mistake she made in the past. She talked about how she regrets not being a bit more proactive and communicative about what she wants to work on with her supervisors instead of expecting things to come her way, so she recommends let your superiors know what your end goal and ambitions so that they can help you achieve, since she learned that they will be very willing to help. This is something that I want to work on myself as I also sometimes have difficulty communicating what it is that I enjoy working on and want to do.

Thank you to Joni Batson, Khalid Alosaylan, and IEEE for this wonderful opportunity. It was very enlightening to learn about the path that a senior member at IEEE took in their life, and to see how I can apply those same lessons to my own future career.

So, You Are Not a Senior Member Yet?

By Hermann Amaya, R3 Senior Member Coordinator

We continue to announce to everyone that Senior Member Elevations is a fact of life and that this process is carried out effortlessly and successfully given the actual format that we have established at Region 3 allowing for multiple interviews to our candidates who can be assured to have their nomination completed by the end of this Zoom meeting.

As you know, we provide you your References (one Nominator and two References as required by IEEE) and because of this, you as the candidate, do not have to do anything at all except attend the Interview meeting for 30 minutes (we will schedule it and let you know) and submit your properly formatted Resume, which must agree with the prescribed format listed in your VTools Registration Letter. Just keep your jobs and education listed with Start(mm/yyyy)-End(mm/yyyy) format and include a paragraph titled "Significant Performance" where you discuss five years of your career, whether sequentially or not, so long as it adds up to five years, also properly formatted.

It may behoove you to know that the next R3 Senior Member Candidate Roundup will take place on June 8th 2024 and you should register to attend at https://events.vtools.ieee.org/m/416787 if you wish to advance to the Senior Member rank, and follow the instructions included therein to know how to proceed.

So why such fuss over these dates?? Well, when the time comes for the evaluation of your career Experience at the A&A Review Panel Meeting, they need to be able to accurately judge your time in service so this must be clear to the reviewer, that's why!

Let us not forget our new Senior Members. We have nominated 25 candidates, and we are fortunate that all of them were approved and elevated to Senior Member rank on 20th April 2024 meeting of the A&A Review Panel.

Please join me in congratulating the following new Senior Members of IEEE and extending to them our warmest wishes for a continued successful career under their Senior Member Rank:

Last NAME	First NAME	Section	Region
Biryukov	Alexander	FWCS	R3
Chacko	Dinesh	Ireland	R8
Chandna	Vineet	FWCS	R3
Chitlangia	Dinesh		
Ferraro	Angelo	Columbia Section	R3
Foley	Patricia	Virgina Mountain Section	R3
Godbole	Aditi		
Hornung	Lynette	Baltimore Section	R2
Kudumula	Umamaheswara	Atlanta, GA	R3
Kumar	Vinod	Seattle Section.	R6
Kuzhuget	Ali	FWCS	R3
Landyshev	Anatolii	FWCS	R3
Llantos	Orven	Phillipines	R10
Mohammad	Naseemuddin	Dallas Section	R5

Last NAME	First NAME	Section	Region
Nadella	Geeta-Sandeep	FWCS	R3
Nawal	Mayank	Atlanta, GA	R3
Rahimi	Shahram	Mississippi Section	R3
Saginatham	Vinod Kumar	Central North Carolina	R3
Sandhi	Khushali	Sacramento, CA	R6
Selvam	Krishna Kumar	San Francisco, CA	R6
Shuvalov	Andrei	Europe # Poland Section	R8
Srinivasaiah	Bhavani	New Jersey	R1
Srivanasan	Raaghavann	Twin Cities	R4
Volikatla	Hemanth	Atlanta Section	R3

SAVE THE DATE

Third End of Year Banquet

When: **Saturday, November 16, 2024 @ 5:00 PM – 10:00 PM**

Where: **St. Petersburg Yacht Club**

11 Central Ave., St. Petersburg FL 33701

Contact: **Hermann Amaya,**

hermann.amaya.us@ieee.org

Speakers – Recognitions & Awards

Opportunity to Network with IEEE Members

Connect with Student Branch and Young Professionals

Amazing Yacht Club Dinner

Celebration of FWCS

SAVE THE DATE

Conference Title:	**Aerospace and Instrumentation Electronic and Computer Systems Applications (AIECSA)**
When:	Friday, November 21st, 2024 (Tentative)
	8:00 am - 6:00 pm
Where:	University of South Florida
	Marshall Student Center Ballroom (Tentative)
	Breakfast, Lunch and Dinner will be provided
Organizers:	**IEEE Florida West Coast Section**
	Aerospace and Electronic Systems / Instrumentation and Measurement Joint Chapter
	Computer Society Chapter
	HKN - Eta Kappa Nu - Kappa Xi Chapter

Florida West Coast Section - Upcoming Events Summary

Day / Date / Time	Organization	Description / Venue / Attendance	Organizer / email / Website
Year 2024			
Saturday, June 8	**Region 3**	**Region-Wide Senior Membership Event**	**Hermann Amaya**
		https://events.vtools.ieee.org/m/416787	hermann.amaya.us@ieee.org
Monday, June 10	**PES/IAS**	**FECA Engineers Conference in Clearwater**	**Kayla Allemang**
		NERC Compliance Overview by the SERC Outreach team (4 hours)	kallemang@ieee.org
		Substation Design or Distribution (4 hours)	
Friday, June 14	**CS**	**RAS Meeting with the Automation Lab**	**Barret Werner**
		St. Petersburg College	barretwerner@proton.me
Saturday, June 29	**PES/IAS**	**FWCS PES/IAS ExCom meeting**	**Kayla Allemang**
		OnLine	kallemang@ieee.org
Friday, July 12	**PES/IAS**	**Advanced Distribution P& C Applications Seminar**	**Kayla Allemang**
		In Person	kallemang@ieee.org
August Date (TBD)	**PES/IAS**	**Hot Springs Microgrid**	**Kayla Allemang**
Saturday, Sep. 28	**CS, USF CS**	**Tech Horizons Summit**	**Nick Nechaiev**
	USF Poly	In Person	mnechaiev@ieee.org
Friday, Nov. 8	**PES/IAS**	**Florida Rules, Laws and Ethics Webinar**	**Kayla Allemang**
		OnLine, Virtual	kallemang@ieee.org
Saturday, Nov 16	**FWCS**	**FWCS Annual Awards Banquet**	**Hermann Amaya**
6 pm - 10 pm		St. Petersburg Yacht Club, In Person	hermann.amaya.us@ieee.org
Monday, Nov. 8	**AESS/IMS/CS**	**Aerospace and Instrumentation Electronic and Computer Systems**	**Michael Mayor**
		USF Marshal Student Center - Ballroom - In Person	michael.mayor@ieee.org
Year 2025			
Thursday, May 1st	**IEEE**	**The Conference application for 2025 IEEE 19th International Conference on Automatic Face and Gesture Recogniton.**	**Shaun Canavan scanavan@usf.edu**
Monday, Sep. 1st	**CS**	**Intelligent Cybersecurity Conference**	**Muhammad Al-Abdullah**
		OnLine, Virtual	mal-abdullah@usf.edu

PES/IAS ExCom Planning Meeting
Saturday, June 29 @ 7:00 am - 8:00 am
Planning Meeting. In Person, breakfast included
Village Inn, 215 N Dale Mabry Hwy, Tampa, Florida 33609
https://events.vtools.ieee.org/m/418829
Contact: Kayla Allemang, kallemang@ieee.org

IEEE FWCS
P. O. Box 7067
St. Petersburg, FL
33734-7067

Florida West Coast Section Tampa

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June 2024 - Calendar of Events *(For more information see "Inside the SunCoast Signal" → Page 1)*

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
		*FWCS ExCom →Page 1				*R3 Sr. Member Event →Page 12
9	10	11	12	13	14	15
	*Signal Inputs Due End of Day				*RAS at St. Pete College →Page 4	
16	17	18	19	20	21	22
23 / 30	24	25	26	27	28	29
						*PES/IAS ExCom →Page 12