



Florida West Coast Section
 Serving ALL Members in the
 Following Counties (Blue):
 Charlotte, Citrus, DeSoto,
 Hardee, Hernando,
 Hillsborough, Lee, Manatee,
 Pasco, Pinellas, Polk and
 Sarasota

Also, serving SOME Members only
 (depending on ZIP code) in the following
 Counties (Yellow):
 Collier, Hendry, Highlands, Levy and
 Marion



**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.

TABLE OF CONTENTS

- ◆ Inside the SunCoast Signal..... 1
 --PE Corner
- ◆ ExCom Members..... 2
 --PE Corner (Cont'd)
- ◆ One Year Look Back..... 3
- ◆ Big Data, IoT..... 4
- ◆ Celebrate Professional Engineer Day..... 5
 --Big Data, IoT (Cont'd)
- ◆ Florida West Coast Computer Society 6
 --FWCS CS Elections Results
- ◆ Student Interview 7
- ◆ Using LinkedIn to Advance Your Career 8
- ◆ FWCS Upcoming Events 9
- ◆ Year End Banquet Awards 10
 --Awards Voting
- ◆ Computer Society Chapter Election..... 11
 --Aerospace and Instrumentation Conference
 --Signal Advertising Rates
- ◆ IEEE FWCS Contact and Address Space.... 12
 --Calendar of Events

PE Corner

Art Nordlinger, PE, Life Senior Member 2025 Renewal Update

Licensure renewal begins November 1 for Professional Engineers licensed in Florida. Now is the time to make sure you are prepared for renewal. Here are some important items you need to know for renewal and a few things that you can do now to prepare.

As in recent years, renewal will only be done online with the Florida Department of Business and Professional Regulation at myfloridalicense.com. Now would be a good time to log on, make sure that all of your information is up to date, and check the status of your license. You won't be able to actually renew until November. Early bird renewal, \$88.75, will be until January 15, 2025. After that the renewal fee is \$98.75. After February 28, 2025 there is a \$25 late fee.

The big change for this year is that you will have to record your continuing education on the NCEES CPC website. See my March column for more details on that. Additionally, your Laws and Rules course and Ethics course provider will be required to enter your course completion verification on the DBPR website. This should then show up under your license when you sign on to check the status.

All Professional Engineers licensed in Florida must complete 18 hours of continuing education each renewal period. However, if you passed your PE exam during the 2023-24 biennium you are exempt from this requirement.

Continued on Page 2

Next ExCom Meeting
Tuesday, August 6, 2024
Google Meet
Register with vTools

<https://events.vtools.ieee.org/m/427354>

**IEEE FWCS ExCom**

CHAIR: Michael Mayor, michael.mayor@ieee.org
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 & Measurement, Chair:** Michael Mayor,
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CS Computer Society, Chair: Antra Malhotra,
 antra.malhotra@ieee.org
 Vice Chair: Rajeev Arora, rajeevarora@ieee.org
EMBS Engineering in Medicine & Biology Chapter:
 Sylvia Thomas, sylvia@usf.edu
PES/IAS Power & Energy/Industry Applications Joint Chapter:
 Chair, Kayla Allemang, kalleman@ieee.org
RAS Robotics & Automation Chapter: Chair Sean Denny,
 venner20@ieee.org.
SP/COMM Signal Processing / Communications Joint Chapter
 Chair, Michael Ramalho, PhD, mar42@cornell.edu
WIE Women in Engineering Affinity Group:
 Chair, Diana Aristizabal, dianaaristizabal@ieee.org
LIFE MEMBER Affinity Group: Chair Richard Beatie, PE,
 r.beatie@ieee.org
PACE Chair Dr. Jim Anderson. jim.anderson@ieee.org
YOUNG PROFESSIONALS: Chair TJ Ross, a.j.ross@ieee.org
CONSULTANTS NETWORK: Hermann Amaya,
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CONFERENCES: Vacant
SENIOR MEMBER COMMITTEE: Hermann Amaya,
 hermann.amaya.us@ieee.org
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 Dr. Chung Seop Jeong, Co-Advisor, jeong@usf.edu
STUDENT ACTIVITIES
Student Activities Chair, Ronald Ambrosio
 ron.ambrosio@ieee.org
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 HKN - Roberto Montero, roberto.montero@ieee.org
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WEB MASTER: TJ Ross, a.j.ross@ieee.org
WEB PAGE: <https://r3.ieee.org/fwc/>

PE Corner - Cont'd from page 1

If you aren't receiving the FBPE newsletter and emails, you may have unsubscribed to FBPE emails. That means you won't receive notifications and reminders regarding renewing your PE license, and information about the new renewal procedures regarding continuing education. You can re-subscribe to FBPE emails using the *Re-subscribe to FBPE Emails* form on the Board's website. Additionally, if you need to update your contact information with the Board, fill out and submit the online *Change Contact Information* form on the Board's website.

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. Seminars are in high demand as license renewal nears. Sign up now!

Celebrate Professional Engineer, PE Day**The First Wednesday in August****Go To Page 5**

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

Date: Friday, August 09, 2024
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 op-

eration. 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.



Big Data, IoT, Enterprise Data Management, and the New Data Requirements of Drones and Robotic Inspection Devices

Date: Tuesday, September 24, 2024

Time: 5:30pm – 6:30 pm (Eastern Time)

Speakers: John D. McDonald P.E. Founder & CEO of JDM Associates, LLC

CEH Credits: One (1) hour

Cost: Members: \$20, Non-members: \$40, Students: Free

RSVP: Register at <https://events.vtools.ieee.org/m/422898>

Location: University of South Florida, Marshal Student Center; Room: MSC 2703
4103 Cedar Cir, Tampa, FL 33620

Questions: Ron Ambrosio, Ron.ambrosio@ieee.org; Kayla Allemang, kallemang@ieee.org;
Diana Aristizabal, daristizabal@ieee.org

Abstract: This talk begins by discussing key industry/societal trends and their impacts. To realize greater benefits from Intelligent Electronic Devices (IEDs) the two types of data within the IED, operational and non-operational, must be managed differently. The Internet of Things (IoT) and its benefits, and examples of new groups of analytics being developed, will be discussed. The importance of convergence of the Operations Technology and Information Technology groups within a utility is emphasized, and its enablement of enterprise data management. The importance of grid modernization industry standards to facilitate integration and interoperability is critical for success. Lastly, the use of new sources of data - unmanned aerial vehicles (UAVs) and robotics – will be described, available data identified, use of the data shown, and data management principles to be implemented discussed.

John D. McDonald P.E. Founder & CEO of JDM Associates, LLC. John has 49 years of experience in the electric utility transmission and distribution industry. John received his B.S.E.E. and M.S.E.E. (Power Engineering) degrees from Purdue University, and an M.B.A. (Finance) degree from the University of California-Berkeley.

John is a Life Fellow of IEEE (member for 52 years), member of IEEE-HKN (inducted 52 years ago) and Tau Beta Pi (inducted 50 years ago), member of the Delta Sigma Phi Fraternity, and was awarded the IEEE Millennium Medal, the IEEE Power & Energy Society (PES) Excellence in Power Distribution Engineering Award, the IEEE PES Substations Committee Distinguished Service Award, the IEEE PES Meritorious Service Award, the 2016 CIGRE Distinguished Member Award, the 2016 CIGRE USNC Attwood Associate Award, the 2021 CIGRE Honorary Member Award and the Smart Energy Consumer Collaborative (SECC) Lifetime Achievement Award.

John is Past President of the IEEE PES, the VP for Technical Activities for the US National Committee (USNC) of CIGRE, the Past Chair of the IEEE PES Substations Committee, the IEEE Division VII Past Director, and a member of the National Academy of Engineering. John was on the Board of Governors of the IEEE-SA (Standards Association), is an IEEE Foundation Director and Chair of its 50th Anniversary Celebration Committee and is a Founding Board Member of the SECC.

Continued on Page 5



Celebrate Professional Engineer PE Day The First Wednesday of August Wednesday 7, 2024

Professional Engineers Day was launched by the National Society of Professional Engineers in 2016 to celebrate and raise public awareness of the contributions of licensed professional engineers in the United States. As of 2022, there were 931,640 licensed professional engineers in the U.S. The first Professional Engineers Day was celebrated on August 3, 2016.

Licensing of professional engineers in the US began in 1907, when Clarence Johnston, the State Engineer of Wyoming, presented a bill to the Wyoming legislature that would require registration for those representing themselves to the public as an Engineer or Land Surveyor. The bill was later enacted, making the State of Wyoming the first in the US to register Engineers and Land Surveyors.

On August 8, 1907, Charles Bellamy of Wyoming received the first professional engineering license. Professional Engineers Day is held the first Wednesday in August to mark that occasion. Incidentally, Bellamy's wife, Mary Godot Bellamy, is also known for a first: the first woman elected to the Wyoming legislature.

Today, for the purpose of protecting the public, ALL US States and Territories License Professional Engineers.

Professional Engineers make contributions in virtually all areas of society, industry, and economy including, among other things, energy, transportation, manufacturing, communications, environment, mining, building, defense, education, medical, and consumer products.

History of the License

1907 Wyoming passes the first engineering registration law.

1922 The American Association of Engineers (which later became the National Society of Professional Engineers) put forth a platform for engineering that included the "passage of an engineers registration law in every state and the enforcement of existing registration laws."

1934 The National Society of Professional Engineers is formed, with the membership requirement of being a professional, licensed engineer. At the time, only 28 states had engineering registration laws enacted.

1940 Between 1935 and 1940, 17 additional states adopted engineering registration laws, partly through the efforts of NSPE members.

1947 Montana is the last state to enact engineering licensure laws.

Big Data, IoT - Cont'd from page 4

John received the 2009 Purdue University Outstanding Electrical and Computer Engineer Award and the 2023 Purdue University Distinguished Engineering Alumni Award. John teaches Smart Grid courses at the Georgia Institute of Technology and the University of Tennessee at Chattanooga, and Smart Grid

courses for various IEEE PES local chapters as an IEEE PES Distinguished Lecturer (since 1999). John has published one hundred fifty papers and articles, has co-authored five books and has one US patent.

Florida West Coast Section (FWCS) Computer Society Chapter By Antra Malhotra, *Elected Chair*

I am honored and excited to serve as the Chair for the Florida West Coast Section Computer Society for the term beginning June 10th 2024. Our Society has the potential to become a beacon for innovation, collaboration and professional development in the field of computer science, and I am committed to building this legacy together with you.

During this term, we will focus on several key initiatives aimed at enriching our community and driving technological advancement. We plan to enhance our program offerings with advanced workshops, seminars and conferences that address the latest trends and challenges in computing. Additionally, we will strengthen our engagement with local industry and startups, fostering a dynamic ecosystem where academia and industry professionals can collaborate and innovate together.

One of our primary goals is to support the professional growth of our members. We will provide numerous opportunities for networking, mentorship and skill development to ensure that each member can reach their full potential. Our student chapters at the University of South Florida and

Florida Polytechnic University will continue to play a crucial role in nurturing the next generation of computer scientists and engineers.

We also aim to expand our community outreach efforts, promoting STEM education and inspiring young minds to pursue careers in technology. By working closely with local schools and community organizations, we can make a significant impact on the future of our industry.

I encourage all members to actively participate in our events and initiatives. Your involvement is vital to the success of our Society and the advancement of our field. Together, we can achieve great things and establish a lasting legacy of technological innovation and excellence.

Thank you for your ongoing support and dedication. I look forward to working with each of you to make the Florida West Coast Section Computer Society an even more vibrant and impactful community.

**Let's continue to Learn, Grow, and
Innovate together.**

IEEE Florida West Coast Section (FWCS) Computer Society Chapter Election Results

*Congratulations to the newly elected executive committee of the
IEEE FWCS Computer Society Chapter.*

Each officer will serve their term until December 2026.

Chapter Chair - Antra Malhotra, antra.malhotra@ieee.org

Chapter Vice Chair - Rajeev Arora, rajeevarora@ieee.org

Chapter Secretary - Dominic Patruno, dominic.patruno@ieee.org

Chapter Treasurer - Anne K. Ferrando-Klemet, anneklemet@ieee.org

Appointed: Membership Development - Andrew Seely, andrew.seely@ieee.org

The Computer Society Committee is starting work on establishing an ExCom cadence, creating a membership development and communications plan, and brainstorming on annual events, activities, and outreach calendar. All FWCS Computer Society members are invited to participate, contribute, and collaborate.

Contact FWCS Computer Society Membership Development Coordinator:
Andy Seely, andrew.seely@ieee.org, to get involved.



A Career Driven by Passion and Adaptability

An Interview with Stanton Zeff IEEE Senior Member

Written by Karina Burns Electrical Engineering student at the
University of South Florida

Early Inspiration and Career Beginnings

Inspiration to Become an Engineer: Mr. Zeff's journey into engineering began at a young age. A memorable visit to Disney with his father, where he explored the workings of the rides, sparked his interest in engineering. This experience inspired him to pursue a career in inventing and developing technologies as impressive as those he saw at Disney. Interestingly, Mr. Zeff now lives close to Disney, a place that holds sentimental value for him.

Entering the Engineering World: Graduating in the mid-1980s, Mr. Zeff entered the engineering field during an exciting time for communications technology. Fiber optics was the emerging technology, and he leveraged his education to work in wireline telecommunications. He later transitioned to wireless telecommunications as cellular technology began to grow rapidly. His career included significant roles at Rockwell Collins (later acquired by Alcatel and then Nokia), Nortel, and Fujitsu Network Communications.

Career Highlights and Notable Projects

Most Successful Project: Mr. Zeff considers his work on SONET telecommunications equipment at Alcatel his most successful project. His contribution to developing a board essential for long-distance calls on the Sprint network was a source of pride. He cherishes the memories and friendships formed during this time and keeps samples of the printed circuit boards displayed in his home office, reflecting on the project's significance in advancing Lightwave technology.

Adapting to Technological Shifts: The transition from wired to wireless telecommunications was challenging, but Mr. Zeff embraced the need for continuous learning in engineering. He emphasized that staying updated with new technologies is essential for engineers, as the field is constantly evolving.

Reflections on the Engineering Profession

Advantages and Disadvantages: Mr. Zeff highlighted the meaningful connections made throughout his career as one of the significant advantages of working in engineering. He remains friends with many colleagues from his early career. However, he noted that engineers do not always get to work on projects they enjoy. His advice is to maintain a positive attitude, which he believes is crucial for a fulfilling career.

Importance of Soft Skills and Attitude: According to Mr. Zeff, attitude is everything. Being the smartest person in the room is not enough; engineers need to be sociable and have strong soft skills to thrive in the workplace. He emphasized the importance of personal development and staying open to new ideas and opportunities. Avoiding a narrow focus and being willing to try new things can open doors and enhance one's career.

Final Thoughts

Advice to Young Engineers: Mr. Zeff's key advice to aspiring engineers is to focus on developing soft skills and maintaining a positive attitude. He stressed the importance of continuous learning and being adaptable to new technologies and ideas. His reflections on his career underscore the value of personal growth, resilience, and openness to new experiences.

In conclusion, Mr. Stanton Zeff's career is a testament to his passion for engineering, adaptability to technological changes, and commitment to personal and professional growth. His insights and advice provide valuable guidance for aspiring engineers, highlighting the importance of attitude, continuous learning, and the significance of building meaningful connections in the field.



Using LinkedIn To Move Your Engineering Career To The Next Level

Sign up online at:

<https://events.vtools.ieee.org/m/426475>

If you have any questions, feel free to contact the meeting organizer:

Jim Anderson at: jim.anderson@ieee.org.

How is your job going? We are at the start of a new year and was one of your resolutions this year to take a look around for a better job? Well guess what, it turns out that this is very easy to do. All you need to do is understand how to use LinkedIn to let the world know just how great you are and the job prospects will come flowing your way.

With over 130 million professionals and more than 2 million company profiles, LinkedIn should be the key starting point for your job search. As the largest professional networking site, LinkedIn provides you with not only extensive job listings, but the opportunity to make connections in your target companies who will show you the inside track to the hiring managers.

LinkedIn is your indispensable job hunting tool. Tap into the vast network of LinkedIn's professionals to become one of the most empowered job seekers on the planet!

Your IEEE PACE group is going to show you how. We're hosting a LinkedIn navigation seminar where we'll show you everything that you need to know in order to get the most out of this fantastic online tool. If you come, you'll learn:

- ◆ The secret system for immediately getting through to hiring managers and recruiters
- ◆ The easy way to get found for your specialty and have your phone ringing off the hook with job offers
- ◆ How to instantly get recruiters and hiring managers interested in you by increasing the perceived value of your experiences and expertise
- ◆ The three steps to networking success on LinkedIn...and what to avoid at all costs
- ◆ The simple secret hardly any job hunter uses to blow away the competition
- ◆ How LinkedIn can give you results faster than any other job hunting method -- national job boards included

Come join us and find out how we're going to find out how you can find the job of your dreams!

I'll see you there!

Jim Anderson
Mobile: 813-454-3617



Florida West Coast Section - Upcoming Events Summary

*Attendance: V: Virtual --- P: In Person - V & P: Virtual and In Person

Year 2024

Day / Date / Time	Organization	Description / Location Link	V and/or P*	Contact email
Friday, Aug. 9	PES/IAS	One Year Look Back: Design, Implementation and Operations; Duke Energy Hot Springs Microgrid In Person Seminar; CEH provided	V & P	Kayla Allemang kallemang@ieee.org
Thursday, Aug. 29	PES/IAS	FWCS PES/IAS ExCom, Joint Chapter PE31/IA34 https://events.vtools.ieee.org/m/425833	V	Kayla Allemang kallemang@ieee.org
Saturday, Sep. 14	Region 3	Senior Member Roundup	V	Hermann Amaya hermann.amaya.us.@ieee.org
Tuesday, Sep. 24 5:30 pm - 6:30 pm	PES/IAS WIE	Big Data, IoT, Enterprise Data Management and the New Data Requirements of Drones and Robotic Inspection Devices https://events.vtools.ieee.org/m/422898	V	Kayla Allemang kallemang@ieee.org
Saturday, Oct. 13	CS	2024 IEEE VIS Workshop on Visualization Education, Literacy and Activities (EduVIS) https://ieeewis.org/year/2024/welcome	P	Fateme Rajabiyazdi fateme.rajabiyazdi@carleton.ca
Friday, Nov. 8	PES/IAS	Florida Rules, Laws and Ethics Webinar	V	Kayla Allemang kallemang@ieee.org
Saturday, Nov 16 6 pm - 10 pm	FWCS	FWCS Annual Awards Banquet St. Petersburg Yacht Club	P	Hermann Amaya hermann.amaya.us.@ieee.org
Friday, Nov. 22nd 7 am - 4 pm	AESS/IMS/ CS	Aerospace and Instrumentation Electronic and Computer Systems; USF Marshall Student Center Ballroom	P	Michael Mayor 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 mal-abdullah@usf.edu



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

Celebration of FWCS

Speakers, Recognitions & Awards

**Opportunity to Network with
IEEE Members**

**Connect with Student Branch and
Young Professionals**

Amazing Yacht Club Dinner



Voting is Now Open

We have five different awards in which you can vote.

The awards and criteria are listed below.

Link to Vote is in the FWCS Website Banquet page:

<https://r3.ieee.org/fwc/banquet-awards/>

Contact:

Dominic Patrino, dominic.patrino@ieee.org; Andy Seely, Andrew.seely@ieee.org;

Hermann Amaya herman.amaya.us@ieee.org

1. Women in Engineering: Professional Achievements: This could include innovative contributions to the field, significant research findings, successful projects or designs, leadership roles in engineering endeavors, patents, publications, etc.

2. Student Chapter/Branch award: (for student); recognize notable contributions/activities/potential for student lead group/section (USF/FPT)

3. Leadership Excellence Award: Acknowledges IEEE members who have demonstrated exceptional leadership skills in organizing events, leading committees, or driving initiatives within the section.

4. Life Senior Member Achievement Award: Pays tribute to an IEEE Senior Member life member for their notable contributions to the engineering profession, IEEE or other significant contributions.

5. Innovation award: The nominee must be an IEEE member in good standing. Demonstrates significant contributions in their field of expertise. This can include publications, patents or notable projects that have advanced technology. The contributions should be influential in a way that it either advances the current technology or creates a breakthrough for more innovations to follow.

SAVE THE DATE

Aerospace and Instrumentation Electronic and Computer Systems Applications

When:	Friday, November 22nd, 2024 7:00 am - 4:00 pm
Where:	University of South Florida Marshall Student Center Ballroom <i>Breakfast, Lunch will be provided</i>
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

Fields of Interest - The conference will accept papers for presentation and publication in the areas of
 Design, Development and Testing of Electronic and Computer Systems for
 Space, Air, Sea or Ground. Including Avionics, Radar, Sonar and Telemetry.
 Electrical, Electronic Instruments and Equipment
 to Measure, Monitor and/or Recording Physical Phenomena
 Metrology, Analog and Digital Electronic Instruments
 Computer Systems Design and Development Applied to
 Aerospace and Instrumentation Systems

Florida West Coast Section - SunCoast SIGNAL Advertising Rates

	Contact:		Michael Mayor		michael.mayor@ieee.org	
	1 Month		6 Months		12 Months	
Size	Member	Non-Member	Member	Non-Member	Member	Non-Member
Business Cards	\$25	\$35	\$120	\$150	\$210	\$252
1/4 Page	\$40	\$52	\$190	\$380	\$335	\$402
1/2 Page	\$75	\$98	\$360	\$450	\$630	\$756
3/4 Page	\$110	\$143	\$530	\$663	\$925	\$1,110
Full Page	\$140	\$182	\$670	\$838	\$1,175	\$1,410
Insert / Sheet	\$200	\$260	\$800	\$1,000	\$2,000	\$2,400

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Florida West Coast Section Tampa

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 Or Fax your address changes to (732) 562-5445

August 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	9	10
		*FWCS ExCom →Page 1	*Professional Engineer (PE) Day →Page 5		*PES/IAS One Year Lookback... →Page 3	
11	12	13	14	15	16	17
	*Signal Inputs Due End of Day		*Using LinkedIn to Advance... →Page 8			
18	19	20	21	22	23	24
23 / 30	26	27	28	29	30	31
			*PES/IAS Ex Com →Page 9			