



ORLANDO PES/IAS/PELS JOINT CHAPTER

QUARTERLY NEWSLETTER

July 2024

Upcoming Events

IEEE IAS Petroleum and Chemical Industry Conference – (Sept. 16th – 18th, 2024)

The Annual IEEE IAS-PCIC Conference is a gathering of electrical professionals with a common focus on electrical installations, operations, and safety. The PCIC Conference is one of the best educational values in the process industries providing high quality technical papers by professionals, for professionals, free of commercialism. The conference will be held at **The Hyatt Regency Orlando**, stay tuned for more information!

Big Data, IoT, Enterprise Data Management and the New Data Requirements of Drones and Robotic Inspection Devices – (Sept. 25th, 2024 9 – 11am)

Presented By: John McDonald

This webinar 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.

Registration Website Link: [Click Here to Register](#)

Please note registration opens March 13th

Course offers: Two (2) technical CEH



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Florida Laws, Rules and Ethics for Professional Engineers – (Oct. 14th, 2024 9 – 11am)

Presented By: Art Nordlinger

The Rules and Laws That Govern the Practice of Engineering in Florida. This course is at a basic to intermediate level. Covering these topics: Florida Statute 471 – Engineering, FBPE and FEMC, Florida Administrative Code, and Updates from NCEES and FBPE. Ethics and the Practice of Engineering in Florida. This course is at a basic to intermediate level. Covering these topics: Basic Engineering Ethics Precepts, Florida Administrative Code 61G15, and Recent Cases and Examples.

Registration Website Link: [Click Here to Register](#)

Course offers: One (1) Rules & Laws CEH & One (1) Ethics CEH

Charting Growth: A Workshop for Business Empowerment

Join us for a 4-part workshop on business empowerment. This program will be presented in person at The University of Central Florida HEC 101 and simultaneously online.

Part 1: Branding Yourself - Sept 20th, 2024 6-8pm

Part 2: Master Consistency - Jan 24th, 2025 (Tentative date)

Part 3: Master Higher Thinking - April 18th, 2025 (Tentative date)

Part 4: Level Up Leadership - July 18th, 2025 (Tentative date)

Registration Website Link: [Click Here to Register](#)



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Recent Events

OUC Emerging Technology Tour – (April 10th, 2024)

Orlando IEEE PES had the opportunity to tour OUC's Emerging Technology Innovation Center and chat with OUC's staff about their grid integration lab. This tour gave insight into the type of work OUC is doing to test new technologies on a small scale to better understand them and see how they can be integrated into the grid. Thank you to OUC for hosting this event and to all attendees who helped make this event a success!



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Stanton Energy Center Tour – (March 29th, 2024)

IEEE PES @ UCF had the opportunity to tour one of Central Florida's most active power plants, Stanton Energy Center, owned and operated by OUC. Thank you to OUC for hosting this event and to all attendees who helped make this event a success!



Energy Transition: Navigating the Clash: Centralized vs. Decentralized Generation Systems in the Power Industry – (May 1st, 2024)

On May 1st we hosted a successful virtual presentation presented by Ibrahima Kalle, a principal transmission planning engineer with Leidos. The presentation covered the active transition of generation from centralized to a more decentralized system including a few case studies. The presentation led to some good discussions at the end between the attendees. We were able to offer low cost CEUs to those in attendance.

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Member Spotlight



Cody Ruben

What are some of your favorite hobbies?

Watching baseball, going to the theme parks, playing video games, playing golf

What is your favorite TV Show?

The Leftovers

What is your favorite place to go for lunch?

Mikado Japanese Seafood Buffet

What is your dream car?

Audi e-tron GT

What insight have gained from the industry you work in?

Reaching net-zero and renewable energy goals is going to be a lot harder and take longer than the general public understands or cares to admit. All most of us can do is keep things moving with high quality work and collaboration within the industry to make the transition as efficient as we can.

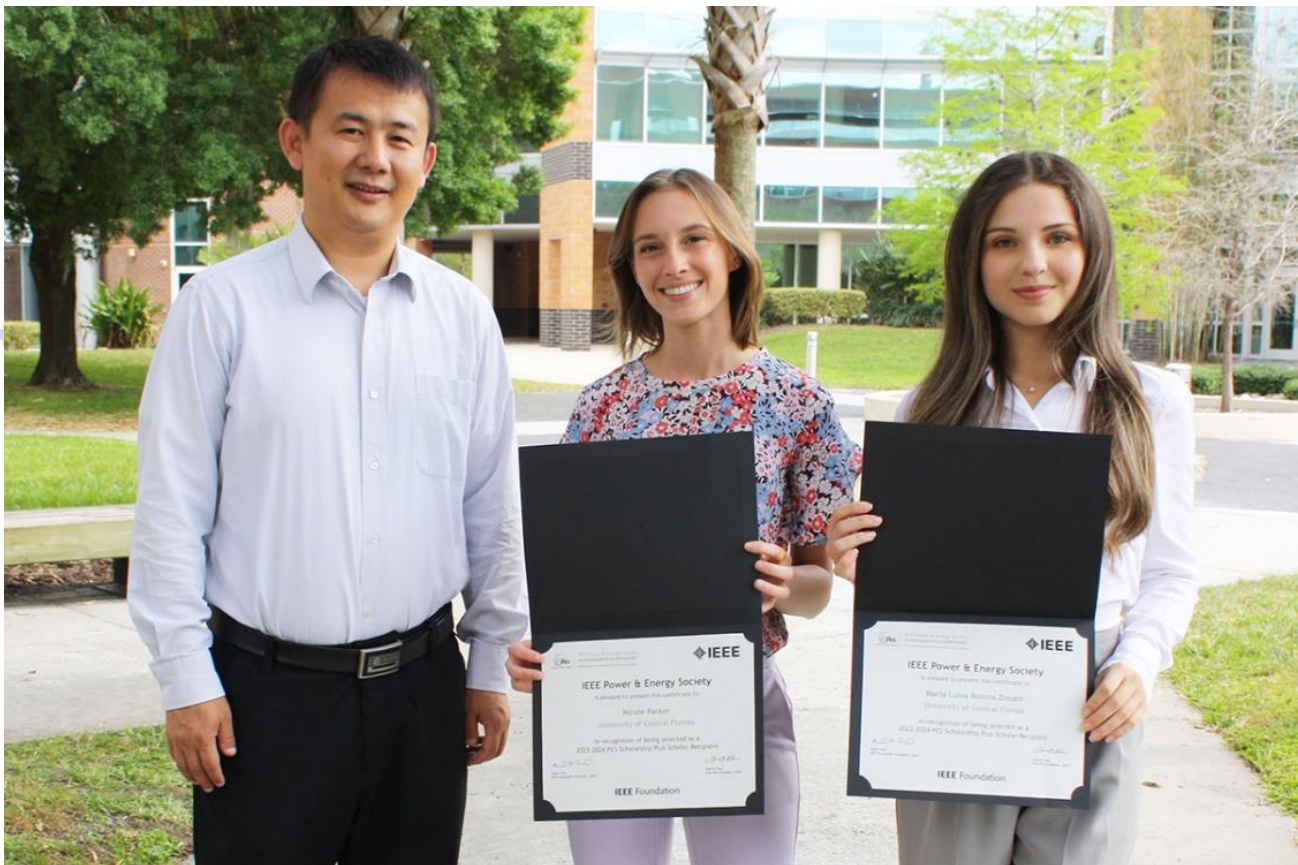
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Additional Announcements

IEEE PES Scholarship Plus Initiative

Congratulations to Nicole Parker and Maria Bonina Zimath for being awarded \$2,000 scholarships from IEEE PES. The IEEE PES Scholarship Plus Initiative recognizes Electrical Engineering students that excel academically, show involvement in distinctive extracurricular activities, and show a commitment to the power and energy Field.

Visit this [LINK](#) to apply for IEEE PES Scholarships!



Dr. Wei Sun, Nicole Parker, and Maria Bonina Zimath

Visit this [LINK](#) to learn more about the most recent recipients of this scholarship!



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Miscellaneous

Find the Chapter online:

Orlando IEEE PES/IAS/PELS Joint Chapter: [Website](#)

IEEE vTools Events System: [Chapter & Section Events](#)

LinkedIn at: [Chapter LinkedIn Page](#)

IEEE PES Mentorship Program: <https://ieee-pes.org/membership-chapters/ieee-pes-mentorship-program/>

** As always, if you would like to be removed from this email list, please reply and we will remove you.*



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