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IEEE

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IEEE WIE FWCS Event was a Success!

IEEE WIE FWCS Event: Technical Gossips

Event Location: American Social

Date: March 08, 2019 - - - Time: 6pm to 8pm

Who Attended: IEEE YPs, WIE and Student Members

Event Description:

IEEE WIE FWCS held a successful event to celebrate “International Women’s Day” and to reactivate the IEEE WIE Chapter in Florida West Coast Section. During the event, IEEE student members connected with Young professionals for strong networking and collaboration. The meeting attendees shared different ideas for future events and to increase IEEE WIE members in the Chapter. WIE committee positions were announced to develop a strong team for successfully managing IEEE WIE future events

Upcoming Meetings

EXCOM Meeting

Tuesday, April 2, 2019 5:30PM at TECO Plaza

Register online at <http://time2meet.com/fwcs-excom/index.html>

Open to all FWCS Members

**DC Systems, Battery Management and Utility
Applications**

April 26, 2019, 10:00 am—2:30pm



2019 IEEE EXECUTIVE COMMITTEE - FLORIDA WEST COAST SECTION**CHAIR:** Claude Pitts - claudie.pitts@ieee.org**VICE CHAIR:** Paul Belussi - paul_belussi@selinc.com**SECRETARY:** Sean Denny - venner20@ieee.org, (727) 678-0183**TREASURER:** Jim Howard - jhoward@ieee.org, (863) 834-6585**SIGNAL EDITORS:** Ralph Fehr - r.fehr@ieee.org,
Donna Howard - amberdon3133@gmail.com**AWARDS & BYLAWS :** Richard Beatie, PE - r.beatie@ieee.org**MEMBERSHIP:** Jim Howard - j.howard@ieee.org, (863) 834-6585**TEACHER IN-SERVICE:** Sean Denny - venner20@ieee.org, (727) 678-0183Computer / Aerospace & Electronic Systems (**COMP/AESS**) Joint Chapter:
Jim Anderson—jim.anderson@ieee.org (813) 425-2467Engineering in Medicine & Biology (**EMBS**) Chapter: Sylvia Thomas - sylvia@usf.eduMicrowave Theory & Techniques/Antennas & Propagation/Electron Devices
(**MTT/AP/ED**) Joint Chapter: Jing Wang - jingw@usf.eduPower & Energy / Industry Applications (**PES/IAS**) Joint Chapter:
Serge Beaulieu - serge.beaulieu@ieee.org, (863) 834-6511Robotics & Automation (**RAS**) Chapter: Sean Denny - venner20@ieee.org,
(727) 678-0183Signal Processing / Communications (**SP/COMM**) Joint Chapter: Paul Belussi -
paul.belussi.us@ieee.org**WOMEN IN ENGINEERING** Affinity Group: Ammara Ghani—ammamamehd@mail.usf.edu**LIFE MEMBER** Affinity Group: Richard Beatie, PE - r.beatie@ieee.org**YOUNG PROFESSIONALS:** T.J. Ross - a.j.ross@ieee.org, (505) 620-7734**PACE:** Jim Anderson - jim.anderson@ieee.org, (813) 425-2467**CONSULTANTS NETWORK:** Herman Amaya - hamaya@tampabay.rr.com**STUDENT BRANCH MENTOR:** Jim Howard - jhoward@ieee.org, (863) 834-6585**USF STUDENT BRANCH ADVISORS:**Dr. Paul Schnitzler - Student Branch Co-Advisor - pauls@usf.edu, (813) 974-5584Dr. Andrew Hoff - Student Branch Co-Advisor - hoff@usf.eduDr. Srinivas Katkoo—CS Chapter Advisor—katkoo@mail.usf.eduDr. Jing Wang—MTT Chapter Advisor—jingw@mail.usf.eduDr. Ralph Fehr - PES/IAS Chapter Advisor - r.fehr@ieee.org**STUDENT BRANCH / CHAPTERS:**USF Student Branch, Chair - Iliia Bautista - iliabautista@mail.usf.eduUSF Computer Society Chapter - Vishalini Laguduva Ramnath - vishalini@mail.usf.eduUSF Microwave Theory & Techniques Chapter - Enrique Gonzalez -
enriquegonza@mail.usf.eduUSF Power & Energy/Industry Applications Chapter - Roger Vassell -
vassellr@mail.usf.edu**CONFERENCES:** Richard Beatie, PE - r.beatie@ieee.org**WEB PAGE:** <http://sites.ieee.org/fwcs/>**WEB MASTER:** T.J. Ross - a.j.ross@ieee.org, (505) 620-7734

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Address all correspondence to:

Donna Howard

3133 W Paris Street Tampa, FL 33614-5964

Home Phone: (813) 876-1748 E-mail: amberdon3133@gmail.com

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Useful links:<http://www.ieee.org/benefits> Global Benefits Finder
<http://www.ieee.org/discounts> Discounts Page**PE Corner**

Art Nordlinger, PE, Senior Member

You Renewed Your License; Now What?

The deadline has passed for license renewal in Florida. Now what? If you are like many of us, you won't think about continuing education for another 20 or so months and then rush to get your hours done before the next renewal deadline. However, it doesn't have to be that way. Let me suggest a few alternatives.

You can earn double the hours by presenting a technical seminar to your peers under IEEE's continuing education program. Every one of us has an area of expertise. Sharing your knowledge with others provides personal satisfaction, as well as earning hours toward your next license renewal. Talk to me or any IEEE officer about topics that you can present and earn some hours.

Lend your spare time to IEEE as an officer. You'll help yourself, your peers, and IEEE as a whole. You can earn four Continuing Education Hours (CEHs) for servicing as a professional society officer.

Technology changes at an ever-increasing rate. This is true not just for Electrical Engineering, but in just about every field of engineering and science. You can get out of breath just thinking about trying to keep up with it. There are many ways to update your knowledge in your area of practice, or to branch out and learn about something new and different. You can do this through seminars offered by IEEE and other technical societies, online classes, or registering for classes at your local university or community college. Some of these may be eligible for CEHs and some employers may reimburse you for some or all of the cost. But whether it is eligible for CEHs or not, you never know; you just might learn something new.

Mentoring a young engineer, or an engineer intern, is a very rewarding way to give back to the profession. There are many ways in which you can help our younger peers to advance in their careers. For example, you can encourage new engineers just out of school to take the FE (EIT) exam now while the information is still somewhat fresh. Few of us knew early in our careers where our path would ultimately lead. And those just starting out may not know at this early point in their careers whether they'll need to have a PE license someday or not. We all know that if you don't take the FE exam shortly after graduation, it's a pretty monumental task for most engineers to "re-learn" enough of what they learned in college to pass the test. Just the thought of studying all of that material in order to pass can be daunting. To help those in that situation, my department has gathered a group of engineers who didn't take the FE exam right out of school and encouraged them to study together in order to prepare to take the exam. They meet several times a week to study different topics together with the goal of taking the exam after about 12 weeks of preparation. We even bought them their review manuals. We all wish them success.

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.

Leader's Center **Volunteer Organizations**

Paul Schnitzler, Ph.D—Life Senior Member

How do you lead volunteers? Volunteers don't get paid—or receive anything tangible. You could fire them if they don't contribute—but what good will that do? You need to find a way to get them to want to really help! If you can lead a group of volunteers, you can lead any group!

As you read this, think about any group where you are a member. You may have noticed that there are some activities in the group which easily get done well. Each has a successful volunteer who really wants to be leading it. With this volunteer, did the chair have to keep after her/him? Did the chair have to tell the person how to do the job—or when it was needed? For anything you want done, find the person who wants to do it. A person who is willing is not good enough!

In some organizations the chair often does many of the needed tasks. Why? The chair may not trust that anyone else would get the job done; the chair has asked a few people and none seemed interested; the chair assigned tasks to people but the tasks often failed to be completed or at least not very well. The chair wants it done, no one is doing it, and so the chair does it!

Suppose you are the chair. Here is how you might involve your group members. Ask your group what they think—about all of the tasks. Are the tasks all really so important? See what the group thinks. For the tasks they agree are important, ask the group how *they* would get them done. And use their suggestions even if they are different from what you would have done.

For the unpopular tasks, find out why the group doesn't support them. Should these tasks be changed? Deferred for a time? Dropped entirely? Learn the views of the team and see if you can accept what they think. If the group is in favor of an idea, then find out why no one wants to do it. You might be surprised!

When you engage your members this way several good things occur: You learn things about the people and the organization and what it *really* is about. Your projects become better planned and executed because you get information you did not know. Since the members have contributed to the activities they have “skin in the game” and want to make them work.

And, perhaps best of all, the members feel valued by you and by the group and they will want to justify that faith!

What if no one wants to do anything? Then you get to the tough questions: Why are they members? Why does the organization exist? What may be done? The answers can lead to building a much stronger organization. That's what a leader does!

Next month? Remember the YES I AM model for change? It also works as a model for leadership. Next month I will show you how to apply it to the situation discussed above.

Watch for more on leadership in engineering (and other) organizations. Need a speaker? Have questions? Ideas? Contact me at pauls@usf.edu or go to <http://leadchangewithoutfear.com/> and click the tab “Successful Real Change.”

Guardian ad Litem Program of Pinellas and Pasco Counties Seeks Volunteer Child Advocates for Abused and Neglected Children

Guardians ad Litem work on a team with professional staff to advocate for children who have been removed from their homes due to neglect or abuse and come under the jurisdiction of the courts often due to parental drug abuse or domestic violence. Guardians ad Litem identify what is in the best interest of the child to the courts by making monthly visits to the child in their current placement to identify what the child's needs are. They work to find a permanent placement for the child. Training is free. To learn more about making a difference to a child visit www.herotoachild.org or call Karen in Pinellas at 727-464-6147, Larnelle in Pasco at 727-727-834-3493 or visit www.guardianadlitem.org for information in other counties. For other ways to help contact our local foundation at AmyF@galf6.org.



DC System, Battery Management & Utility Applications

- Date:** Friday, April 26, 2019
- Time:** 10:00am – 10:30am Registration, 10:30am-2:30pm Seminar and Questions
- Cost:** \$50 Members, \$100 Non-Members, \$20 Students
- Speakers:** Power Grid and CE Power Solutions
- CEH's:** 3 CEH's will be awarded for this seminar. Be sure to enter your name and PE number on the sign-up website as it appears on your license. IEEE Florida Provider Number is 3849.
- Location:** FRCC 3000 Bayport Drive, #600, Tampa, FL 33607
Use parking lot for Hyatt (North Side only)
- RSVP:** Online at: <http://time2meet.com/fwcs-pes3/index.html>
Space limited to the first 45 registrants!!!
- Questions:** Steve Antman at 863-701-4170 or steve.antman@cepowersol.com

Attendees will learn about the application of battery storage across the globe, with a focus on US Markets. The program will address state-of-the-art concepts, and challenges for the energy industry to successfully utilize and optimize battery and energy storage as part of their energy portfolio and resource mix.

This three-hour seminar will look at how battery storage is providing services into wholesale power markets, how it is being used as a tool for utility system management, and how it is being utilized by end use customers.

Battery storage, including definitions, technologies, applications and business models. In addition, it will address important relationship between battery storage and its interaction with other resources on the grid as the power grid evolves.

IEEE SoutheastCon 2019

Von Braun Center, 700 Monroe Street

Huntsville, AL 35801 USA

Thursday, April 11th, 2019 through Sunday, April 14th, 2019

SoutheastCon is the annual IEEE Region 3 Technical, Professional, and Student Conference. As the premier conference for the IEEE Region encompassing Jamaica and the Southeastern United States, it brings together Computer Scientists, Electrical, and Computer Engineering professionals, faculty, and students to share the latest information through technical sessions, tutorials, and exhibits. It is the most influential conference in Region 3 for promoting awareness of the technical contributions made by our profession to the advancement of engineering and science and to the community.

Attendance and technical program participation from areas outside IEEE Region 3 are also cordially encouraged and welcomed. The conference schedule includes:

- A technical program with seminars, [tutorials and workshops](#).
- A student program with student competitions.
- Exhibits.
- IEEE regional meetings.

Updated information for participating students:

NEW Competition: SoutheastCon 2019 will host the first First Person View (FPV) drone competition. Please register your team now! Details of the competition to be revealed by 3/04/2019. All student teams planning to participate in competition need to register their intent to compete through [competition registration links](#).

IEEE SoutheastCon 2019 to host on-site **Job Fair**. Please submit your resume through the [website](#) such that your resume will be reviewed by participating organizations and contributors during the conference.

Updated information for registrants (3/04/19):

Please access hotel reservation through conference's provide link. The conference has booked the majority of hotel rooms. As such, if you try to access Embassy Suites from external links, you will be prompted that rooms are sold out. As of this update, Embassy Hotel has booked all available rooms for Thursday night, however, additional conference blocked rooms for Friday and Saturday are still available. The conference highly recommends booking at Embassy as hotel is connected to the VBC via sky bridge.

Updated deadline for notice to authors (3/10/19):

Due to overwhelming number of papers received the deadlines for review and notification have been updated.

Early registration deadline: Extended to March 22, 2019 (11:59 PM ET)

Paper Submission: **February 17, 2019 (Closed)**

Workshop / Tutorial Submission: **February 03, 2019 (Closed)**

Notification to Authors: Rolling Review Process, Final Notification **March 14, 2019**

Publication-ready version: **March 20, 2019**

Registration Deadline for Authors: **March 22, 2019 (11:59 PM ET)**

Tampa Bay Engineers Week Banquet

Engineering societies of the Tampa Bay area hosted the annual Tampa Bay Engineers Week Banquet on, February 21, 2019, at the TPepin's Hospitality Centre.

This premier event brought together local leaders and engineering professionals to recognize the outstanding achievements of Engineers, Science Teachers, Math Teachers, and Students in our community.

Additionally, awards were presented to outstanding engineers in each discipline, as well as local engineering students excelling in their engineering related studies and Young Professionals. The banquet also featured the Lignell Awards. These awards, named after a former Chairman for the Institute of Electrical and Electronics Engineers (IEEE), are given to local High School educators who are performing outstanding work in the instruction of the STEM topics (science, technology, engineering and math). The organizers of the event recognize the important role these individuals play in encouraging students to pursue technological degrees in college.

The Keynote Speaker for this event was Jason Cutcliffe of Duke Energy Florida. You all heard about the impacts of Hurricane Florence and Michael. Jason was able to give us the inside story of what it took to restore the power to the Customers around the areas the storm impacted.

The logistics involved are tremendous and involved a large number of people in addition to the line crews needed to do the line work. Jason shared with us the details of what was involved for these storms, or for any storm on a magnitude similar to these. Logistics such as: Lodging, feeding, clothes (cleaning and replacements), fuel and fueling vehicles, and Damage Assessment activities to establish Time to Restore estimates and direct workers to damaged areas are just some of the key areas needed to keep this restoration on track.

DevOps: What It Is And Why You Should Care

Welcome to the brave new world of creating software. Once upon a time a lonely engineer would go off and sit in the corner, write some software code, and then hand it over to some other engineering professionals who would put that code into production and the world was a good place.

Things quickly went south on us. It turns out that creating software has become a whole lot more tricky as the number of languages that can be used has exploded, customers have become more demanding, and the underlying hardware, databases, and other supporting infrastructure has started to change at a mind-numbing pace. Where we stand today is that engineers write software, hand it off to be placed into production and things don't work. How many times have you gone to a web site only to discover that something was screwed up?

I've got some good news for you: there is a solution to the mess that we find ourselves in. It's called DevOps. In a nutshell, DevOps is what happens when you get the software development side of the house to work with the production side of the house. No, this is not an easy thing to do. Everything has to change from how the software is developed, to how it's tested, and finally to how it ends up being deployed. However, if we want to have a chance of keeping our sanity, this is what we've got to do.

DevOps is new stuff. We're still learning the rules. Your IEEE Section is going to invite a panel of smart people who are living the DevOps lifestyle every day to come and present what they know about it. Somethings work really well, and other things still need a bit of work. Come to this session and find out what all of the buzz is about and how you can get involved in the brave new world of DevOps.

Join us on Wednesday evening, April 10th at 6:00pm. We'll be meeting at TECO Hall which is located at TECO Plaza, 702 N. Franklin St., Tampa. If you have any questions, feel free to contact the meeting organizer, Jim Anderson at jim.anderson@ieee.org. I'll see you there!

Sign up online at: <https://events.vtools.ieee.org/m/194761>

Free April E-Book Offers Commonsense Guide for Developing People

WASHINGTON (4 April 2017) — Your people are your most important and versatile resource. They can be upgraded, renewed, rejuvenated and adapted to a wide variety of jobs. Equipped with the proper support, tools, information and leadership, they can make the difference in the global race for market share. Treat them poorly or ignore the value of their skills and you risk certain failure.

In April, IEEE-USA E-BOOKS is offering "Developing Your People — Commonsense Leadership in the Workplace — Volume 1: Key Skills Employees Will Need" free to IEEE members. In it, veteran engineer, educator and IEEE senior member Harry T. Roman explores commonsense ways to guide employees as they grow into their career.

"There's no greater responsibility in the workplace than being a manager in charge of developing employees," Roman writes.

The first in a three-volume series, this publication clarifies the distinctive realities of the information age, the types of skills required for career success, and how managers can create inspiring environments for their employees.

Now through 15 May, IEEE members can get a free download of this e-book by going to: <http://shop.ieeeusa.org/usashop/product/careers/219947>. Log in with your IEEE Web account, add the book to your cart and use promo code APRFREE17 at checkout.



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The Opportunity:

We seek an innovative and detail oriented professional to create, review and edit User Documentation for Beckwith Electric's next generation of Protection and Control systems for advanced power distribution grids (also known as Smart Grid). User Documentation includes Specifications, Marketing Brochures, Instruction Books, Application Guides, Quick Start Guides, and interactive pdf Record Forms.

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The work location is our headquarters in Largo, Florida. Our Compensation Package includes a Competitive Salary, Paid Vacation and Holidays, 401(k) Plan, Health/Dental Insurance, Life and Short/Long Term Disability Insurance and Educational Assistance. We are a Drug Free Workplace and Equal Opportunity Employer.

Please see our website, www.beckwithelectric.com, under Contact Us – Careers – Technical Writer for details and how to apply.

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Florida West Coast Section, Tampa

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

April Calendar of Events (For more information see P. 1) in this Signal...

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 EXCOM Meeting TECO Plaza	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26 DC System, Battery Mgmt & Utility Application @ FRCC	27
28	29	30				