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THE SUNCOAST SIGNAL

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

IEEE

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This Month's Meetings
Tuesday, June 3: EXCOM Meeting
Meeting starts at 5:30PM At TECO Plaza
Register online at <http://time2meet.com/fwcs-excom/index.html>
Open to all FWCS Members

IEEE PES Scholarship Plus Initiative Application due June 30
[Details on page 2](#)

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Consultants Networks Affinity Group
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Distribution and Transmission System Protection Seminar
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ROBOFEST REVIEW-MARCH 15th
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IEEE PES Scholarship Plus Initiative Application is now Open

As a reminder, the *IEEE PES Scholarship Plus Initiative* provides multi-year scholarships and career experience opportunities to qualifying U.S. and Canadian electrical engineering undergraduate students. As long as the scholar continues to meet renewal standards, he or she will receive up to three years of funding — **US \$2,000 the first year, \$2,000 the second year and \$3,000 the third year** — interspersed with up to two years of valuable, hands-on career experience.

We are now accepting applications from undergraduate students in the US & Canada for the PES Scholarship Plus Initiative. Over the last three years, we have distributed over US\$1.1M to 364 students from over 137 universities across the US & Canada. In 2013, PES Scholars were from 42 of the 50 US States (+ Washington, DC) and 5 Canadian Provinces. We would love to have a recipient from each US State and all Canadian Provinces in 2014.

The deadline to submit an application is June 30, 2014.

To read more about the IEEE Scholarship Plus Initiative visit the website at <http://www.ee-scholarship.org/>.

IEEE PES Mentoring Program

Another important part of the PES Scholarship Plus Initiative is the mentoring program. The Mentor Program offers a person the chance to give back to the next generation of leaders in the power and energy industry. We are actively seeking successful leaders in the field—both men and women—to serve as mentors to one or more of the PES Scholars. Mentors can communicate directly with PES Scholars via email, telephone or in-person. Participation in the mentoring aspect of the program is voluntary for PES Scholars.

To sign up to be a mentor, go to PES-Careers at: <https://www.myinterfase.com/ieee-pes/mentor/>

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IEEE Sections Congress 2014

Registration now open

The [IEEE Member and Geographic Activities \(MGA\)](#) Board will partner with Region 8 in hosting [IEEE Sections Congress 2014](#) (SC2014) in Amsterdam, Netherlands, at the Rai Convention Center, from August 22 – 24, 2014.

Sections Congress is a triennial gathering of IEEE grassroots leadership to network with other Section leaders, attend training programs, and develop recommendations to guide the future of IEEE. The primary audience for IEEE Sections Congress is IEEE members who are volunteering within the MGA structure (Region, geographic Council, Section, Subsection, Chapter, and affinity group), but volunteers from other IEEE units are encouraged to attend as well.

The SC2014 theme is "Inspiring Our Leaders of Tomorrow," and the breakout sessions will correspond with the three program tracks: Enhance Member Satisfaction, Improve Volunteer Experience, and Reach Globally with Local Touch. In addition to attending five 75-minute traditional breakout sessions throughout the weekend, attendees will be offered several new program options, including Learning Labs and Ignite Sessions.

http://www.ieee.org/societies_communities/geo_activities_sections_congress/2014/index.html

Consultants Networks Affinity Group– Projected Meeting Talk and Courses for 2014

The Consultants' Network Affinity Group of the Florida West Coast Section of IEEE has a plan to present the following courses taught by Mr. Kurt Forster of the Pinellas Economic Development Center during the current year 2014. Your input is hereby requested to determine the interest you may have in these courses which when selected will be presented at the normal meetings of the FWCS/CNAG. Kindly send your interest & selection to Hermann Amaya, CNAG Chair at hamaya@tampabay.rr.com indicating what courses/talks you would definitely like to attend.

Business Plans for New and Existing Businesses (June 24)

There are lots of different ways to accomplish a business plan from easy to very complex. Whether you're seeking a loan, trying to increase profits, or just want a better way to plan and keep track of your business, we can show you a variety of plan formats to fit your purpose. We'll also share a variety of resources to guide your plan and research.

Marketing Your Business for New & Existing Business (July 29)

Customers are the key to every successful business. Effective, strategic, marketing is the way to attract the most and best customers to increase revenue. Learn a simple strategic marketing plan that will attract customers and increase revenues without increasing expenses. Discover your unique selling proposition and choose the right strategies to win over the best customers and crush the competition!



IEEE FWCS SP/Comm

Linear Technology Design Simulation and Evaluation Tools

Date: Tuesday, June 17, 2014, 6:00 p.m.
Location: Largo STAR Center, Corner of Bryan Dairy and Belcher
7887 Bryan Dairy Road, Largo FL 33777

Abstract:

- PSM - Power Systems Management: Product overview plus Hardware and LT PowerPlay Configuration Software Demo
- LT Power CAD 2 (New Power supply design and analysis tool)
- LT Spice IV - A Brief Overview
- Introducing the “Linduino” Development Platform
- Where to locate / download these tools and other website resources
- Q and A

Speaker: Todd Felege, the Linear Technology Field Application Engineer, will be our guest speaker going over some of their latest parts and software support tools.

He has a BSEE from the University of New Hampshire. His specialty during school was Analog electronics including VLSI and IC layout techniques. He began at sixteen working in video editing electronics as a technician and PCB layout specialist for about five years. He then worked in the space science group helping in the design and implementation of satellite instrumentation for the analysis of the solar wind and cosmic radiation. This included time of flight mass spectrometry and gamma telescope work. The next twelve years were spent in the aerospace industry where he was involved in the architecture, design, and implementation of all types of avionic equipment from integrated displays to inertial and radio navigation. The last four years has seen Todd as the FAE for Linear Technology Corp. in Florida.

Organizer: For more specific information please contact:
Chris Lambrecht e-mail: chris.lambrecht@ieee.org, Phone: 727-458-9061

Cost is \$2 for IEEE Member and \$4 for Non Members.

Food and beverages will be provided. Please sign up at:

Reservations: <http://time2meet.com/fwcs-mtt/index.html>



Date: Tuesday, June 10, 2014
Time: Registration: 8:00A.M. Seminar 8:30A.M. – 12:30PM
Speaker: Serge Beauzile, P.E., Manager of Substation Operations Lakeland Electric
Location: Sand Pearl Resort, 500 Mandalay Ave, Clearwater
In conjunction with Florida Electric Cooperative Association (FECA)
Cost: \$100 for Members, \$150 Non-Members, \$25 IEEE Student Members

PDH Credits: 4 professional development hours will be awarded. Be sure to enter your name and PE number on your registration as it appears on your license.
IEEE Florida Provider Number 3849.

RSVP: RSVP is required. Walk-up participants cannot be accommodated.
Ray Trusik, Florida Electrical Cooperatives Association
850-877-6166 Ext. 5; rtrusik@feca.com

This seminar will provide practical application of the protection requirements of modern distribution systems. Practical example of selection and coordination rules will be covered as well as setting calculations for modern protective distribution circuit devices.

This seminar will also address protection solutions for high voltage transmission lines and implementation. Specific examples of step distance, current differential and pilot protection schemes will be covered in details

Speaker Bio: Mr. Beauzile earned his B.S.E.E degree from Manhattan College in New York and his M.S.E.E from Polytechnic, New York University. He has been employed in the electric power industry for over 24 years. He is currently the Manager of Substation Operations at Lakeland Electric where he is responsible for overseeing and directing all functions relating to the engineering, construction, maintenance and operation of electric substations. He is currently the chair of the IEEE Florida West Coast Section and Chair of the Power and Energy Society. He is a registered professional engineer in multiple states.



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June 2014 Calendar of Events (For more information see P. 1) *inside this Signal...*

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 EXCOM Meeting, 5:30 TECO Plaza	4	5	6	7
8	9	10 T&D System Protection Seminar – 8 AM - Sand Pearl Resort Clearwater	11	12	13	14
15	16	17	18	19	20	21
22	23	24 CNAG Business Plans for New and Existing Businesses 6 p.m. Largo STAR Ctr, Largo	25	26 <i>PES/IAS EXCOM Village Inn - 6am</i>	27	28
29	30 Deadline for submitting IEEE PES Scholarship Plus Initiative App.					