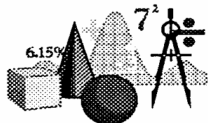




IEEE

# SPARKS

IEEE Daytona Section Newsletter  
January 2012



## FROM THE HIGH CHAIR

Welcome back. I hope you all had a great Christmas and New Year celebration with family and friends. Our section is looking forward to a busy and fruitful 2012. You are always encouraged to participate in various IEEE activities, and take advantage of the benefits offered through the world's most prestigious technical organization.

At our Nov. 2011 monthly meeting, we were delighted to have Mr. Frank Bruno, Chairman of the Volusia County Council, as our guest speaker. Mr. Bruno currently serves on the transportation commission that oversees Sun Rail. He provided us with updated information about Sun Rail, which will help to better meet the travel needs of Volusia county residents in the near future.

During the same meeting, the election of 2012 executive committee took place. The positions of chairman, vice chairman, and secretary will be held by the same officers as in 2011. Mr. Charlie Husbands will serve as our treasurer. There is no change in appointed officer positions.

As a reminder, the IEEE Industry Applications Society (IAS) will hold its Electrical Safety Workshop (ESW) at the Daytona Hilton from January 30 to February 3, 2012. Both IEEE Florida Council and our section are supporting this important IEEE event. Details of this workshop can be found at: <http://ewh.ieee.org/cmte/ias-esw/ESW2012.html>.

The Daytona section is organizing tours in the local area for conference participants, their companions, and IEEE life members in our section. We will also

provide support at the conference booths. For more information, see the announcement in this newsletter about ESW. I would like to recognize the excellent work of our ESW liaison, Mr. Ron Gedney, for coordinating with the conference organizing committee and spending countless hours on the details of tour arrangements. Great job, Ron!

The IEEE Region 3 SouthEastCon 2012 will be held from March 15<sup>th</sup> to 18<sup>th</sup> at Wyndham Orlando Resort Hotel in Orlando. The deadline for paper and tutorial submissions is January 9<sup>th</sup>. Besides technical programs, the conference includes many student activities, such as robotics hardware and software competitions, competitions in student papers, ethics, T-shirt, and website. In addition, there will be professional development workshops and a career fair aimed at undergraduate and graduate students in technology. IEEE Region 3 executive meetings and Florida Council meetings will be conducted as well. Embry-Riddle will have a strong presence at SouthEastCon this year. For detailed information about the conference, go to <http://www.southeastcon2012.org/index.html>.

If you have not renewed your IEEE membership for 2012, please do so at your earliest convenience. And as always, you are strongly encouraged to attend the section's monthly meetings. Finally, wish everyone a prosperous new year!

Thomas Yang, Ph.D.

## JANUARY PROGRAM

## **VOLUSIA COUNTY HOSPICE OPERATIONS**

Halifax Health Center Hospice Liaison Nurse Cathy Gallagher, RN will present an overview of the Volusia County Hospice operations, how it is accessed, what it does, its staff and equipment and its record of success. This includes not just how it interfaces with the patient but how it works with and relates to the family and loved ones.

### **OUR SPEAKER**

Cathy Gallagher was born and educated in NY State. In 1976 she came to Florida to attend Flagler College in St. Augustine. When she graduated she decided to stay in Florida because it is nice and warm. In 1999 she decided to become a Registered Nurse. While in Nursing School (1996-1999) she worked as a CNA for Hospice. After graduating from Nursing School, she worked for 2 years as an RN in the Oncology Dept of Halifax Health. In 2001 she rejoined the Hospice Program at Halifax Health as an Admissions Nurse.

For the past nine years, she has worked as a Community access Liaison which allows her to reach out and teach others about the benefits and helpfulness of hospice. Cathy is certified in hospice and palliative care nursing.

## **IEEE/IAS 2012 ELECTRICAL SAFETY WORKSHOP (ESW)**

The Florida Council and the Daytona Section are supporting the Electrical Safety Workshop which will be held at the Daytona Hilton January 30 to February 3, 2012.

The primary mission of this Workshop is about path finding and creating the future in electrical safety by changing how we think about what is possible, or in other words, changing the electrical safety culture. The workshop goals are to:

- Accelerate application of breakthrough improvements in human factors, technology, and managing systems that reduce risk of electrical injuries.
- Stimulate innovation in overcoming barriers.
- Change and advance the electrical safety culture to enable sustainable

improvements in prevention of electrical accidents and injuries.

The mass market in electrical safety conferences is in the area of training and compliance with standards and regulations – helping people and organizations understand and apply current requirements. While this is essential in preventing electrical incidents and injuries, it is not the mission of ESW.

The Daytona Section has taken on several tasks for the Workshop:

- 1) Organize and coordinate tours in the Daytona area for participants and companions (see ESW tours at <http://ewh.ieee.org/r3/daytona/ESW2012.html>)
- 2) Provide support in manning the ESW conference booth.
- 3) Staff a shared booth for the Daytona Section and the Industrial Applications Society during the workshop.

## **LIFE MEMBERS COMMITTEE – INTERNATIONAL SPEEDWAY TOUR**

The LM Committee is sponsoring a Behind-the-Scenes Guided Tour of International Speedway in conjunction with the Electrical Safety Workshop on Monday morning, January 30, 2012. (Companions and families are welcome)

Daytona International Speedway is probably best known for hosting the Daytona 500 NASCAR race. The oval track is 2.5 miles long and is surrounded on three sides by stadiums that seat 168,000. Tunnels under the track provide access to the infield which houses the racing garages, drivers meeting room, supplier facilities and much more. The Daytona Speedway has what is believed to be the second largest outdoor lighting system in North America.

Our tour will begin at the front of the main Ticket and Tour building (near the Dale Earnhardt Sr. statue). From there our tourologist will take us to the infield of the Speedway where we will get a behind the scenes look at the Drivers Meeting Room, Gatorade Victory Lane, The NASCAR Sprint Cup Garages, Tech Inspection and more! Once we have completed the tour of the infield we

will precede to the Front stretch Sprint Tower and the France Family Suite where Sammy Wiggins of Economy Electric will talk to us about the electrical systems here at the World Center of Racing while we enjoy the view!

Life members wishing to participate in the tour should be at the Speedway main ticket and tour building by 9:15 a.m. on Monday, Jan. 30, 2012, and get signed in. The tour will start promptly at 9:30 a.m. and finish by 11:00 a.m. We have negotiated a special group rate of \$30.00 per person.

For members attending the conference and staying at the Daytona Hilton, transportation will be available to and from the speedway at a nominal cost.

To sign up this tour, send an e-mail to R.Gedney@ieee.org.

#### CALENDER OF EVENTS

**Jan. 30<sup>th</sup> to Feb. 3<sup>rd</sup> of 2012-** the IEEE Industry Application Society (IAS) will hold its annual Electrical Safety Workshop in Daytona Beach  
**March 15<sup>th</sup>-18<sup>th</sup> 2012- Southeast Con**, Orlando, and in Jacksonville 2013

#### EDITORS NOTES

The **SPARKS** newsletter is also available on our website. The website address is shown in the Section information box to the right. Our neighboring Sections in Melbourne and Orlando also sponsor activities and meetings that also may be of interest to our members. We encourage you to visit their websites.

#### Region 3 website

<http://www.ewh.ieee.org/reg/3/>

#### Melbourne Section website

[www.ieeemelbourne.org](http://www.ieeemelbourne.org)

#### Orlando Section website

[www.ieee.org/orlando](http://www.ieee.org/orlando)

#### FUTURE MEETING DATES

The remaining meeting dates for the spring session are Tuesday February 28<sup>th</sup>, Thursday March 22<sup>nd</sup>, and Tuesday April 24<sup>th</sup>.

#### Chair – Dr. Thomas Yang

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The website address for the Daytona Section is:  
<http://www.ieee.org/go/daytona>

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### 2012 SECTION OFFICERS

# JANUARY 2012 MEETING

**Thursday January 19th** at the Halifax River Yacht Club  
331 South Beach Street, Daytona Beach, Florida 32114  
Just south of the Fire Station at the corner of Beach and Orange

## **AGENDA**

6:30 PM Cocktails  
7:00 PM Dinner  
8:00 PM Program

**OUR SPEAKER** – Cathy Gallagher, RN

**TOPIC**– Volusia County Hospice Operations

## **January Dinner Menu**

Marinated Flank Steak  
Chicken Piccata  
Grilled Tilapia

[All entrees served with mashed potatoes,  
[seasonal vegetables, rolls and butter,  
[house salad, coffee/tea

**Unless noted, dinner entrées are \$18.00 each. Students \$10.00 each  
A Veggie plate is available on request for \$10**

**Please contact Al Jusko with your dinner selections or for program information. Dinner selections must be in by Wednesday the 18<sup>th</sup> at noon so the club has time to order and prepare**

Allan Jusko                      SPARKS Editor                      386-671-3706                      a.jusko@ieee.org

**IMPORTANT: If you make dinner reservations and are unable to attend, call at least 12 hours prior to the meeting to cancel. The Daytona Section is charged for all dinners ordered.**

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