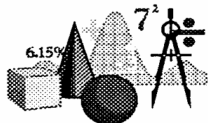




IEEE

# SPARKS

IEEE Daytona Section Newsletter  
January 2011



## FROM THE HIGH CHAIR

This is my first note to you as the new chairperson. I hope you all had a great holiday season. First, I would like to thank Roger Grubic for his great job during the past two years as our section's chairperson. The section has accomplished much under his leadership. In the coming years, we will continue to build upon our past achievements and move forward.

1. We will support the IEEE student chapter at Embry-Riddle to compete at IEEE SouthEastCon's Robotics competition in March 2011. Also, we will help Daytona State College and Bethune Cookman University to start IEEE student chapters, if they have sufficient number of interested students and the support of administration.
2. We applaud Embry-Riddle's efforts in organizing various Engineering Week activities each year, and we will continue to support the activities to promote the awareness of the engineering profession in our community.
3. The Small Radio Telescope (SRT) project has been very successful during the past couple of years, thanks to our hard working volunteers. The project will surely become a legacy of our section. In 2011, we will continue to work on the project and develop educational materials to inspire young students' interests in science and engineering disciplines.
4. As before, IEEE Special Awards will be given at Tomoka Science Fair each January. The quality of the projects we have seen for the past couple of years is truly amazing.

5. The section's Life Member affinity group visit local firms at least twice a year. The group's first activity this year is on Jan. 12 (4-5pm) at Halifax Yacht Club. The presentation is about the latest in hearing aid technology. Our Computer Society Chapter also has at least two events each year.

During December 7<sup>th</sup> meeting, the section's officer election for 2011 was held. Based on the nominating committee's recommendation, all nominees for the executive committee were elected. (By the end of December, other section officers for 2011 were finalized as well.) Through a section award, we also recognized the wonderful job of our volunteers who contribute much time and efforts towards the SRT project. Mr. David Wise and Mr. Rory of KVAR Energy Saving (based in Daytona Beach) attended the meeting, and Mr. Wise gave a nice talk on energy saving and his company's energy saving products adopting the principle of power factor correction.

If you haven't as yet, please remember to renew your IEEE membership. Also, I encourage our members to attend the section's monthly meetings. We have great speakers at our monthly meetings, and the topics are often interesting not only to engineer professionals, but also to the general public. The meetings provide a great opportunity to network and meet people with similar background. You don't have to attend the dinner to listen to the presentation.

Wish everyone a prosperous 2011!

Thomas Yang, Ph.D.

**JANUARY PROGRAM**  
**THE MARINE SCIENCE CENTER AT PONCE**  
**INLET – OVERVIEW**

The presentation will describe the work of the Marine Science Center and some of the unique characteristics of the species that the center supports. It promises to be an interesting and informative presentation for all.

#### **OUR SPEAKER**

Michael Brothers is the Director of the Marine Science Center at Ponce Inlet. He has a long history of the study of marine animals, birds and sea creatures.

#### **BRAIN TEASER CHALLENGE**

Butch Shadwell has taken a break sending his Brain Teaser Challenges. We will occasionally run past challenges from the archives.

#### **CALENDER OF EVENTS**

**January 29** - Tomoka Regional Science Fair

**March 3-6** – PACE Meeting in Austin, TX

**March 18-20** - Southeast Con in Nashville

**March 18** - Florida Council Meeting, in Nashville

**March 18** - Region 3 Meeting, in Nashville

**March 18-20** - Student Robotics Competition, in Nashville

**August 18-22** – Sections Congress in San Francisco

Southeast Con- Orlando 2012, 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 meeting dates for the spring session are: February 23, March 24 and April 28<sup>th</sup>

### **2011 SECTION OFFICERS**

#### **Chair – Dr. Thomas Yang**

386-226-7098 yang482@erau.edu

#### **Vice Chair - Tracy Wichmann**

386-673-2753 tracy@alum.mit.edu

#### **Treasurer - Frank Baxter**

386-676-0461 tmcfcf@cfl.rr.com

#### **Secretary – Roger Grubic**

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#### **Membership Development – Dr. Ilteris Demirkiran**

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#### **Publicity/Media – Jeanette Barott**

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#### **PACE Representative's –**

##### **Dr. William Barott**

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##### **Jeanette Barott**

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#### **Awards - Dr. Jianhua Liu**

386-226-7713 liu620@erau.edu

#### **Life Member Chair – Ron Gedney**

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#### **Computer Society Chair – Dr. Tim Wilson**

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#### **Student Activities - Dr. William Barott**

386-226-8973 barottw@erau.edu

#### **ERAU Student Chapter Chair- James Gregoire**

207-615-6872 gregoirj@my.erau.edu

#### **Webmaster – Charlie Husbands**

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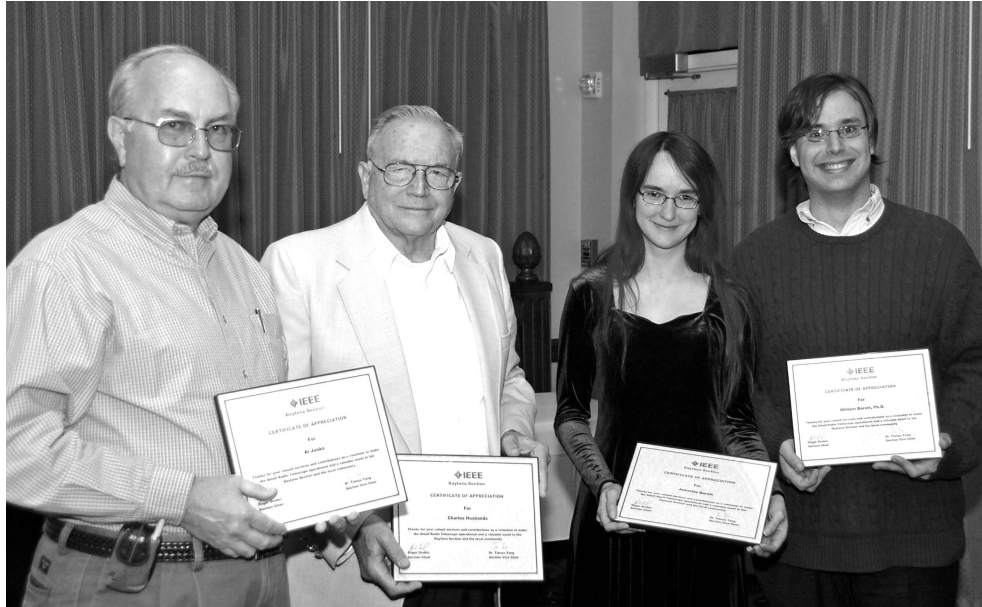
#### **SPARKS Editor - Allan Jusko**

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

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## Section Awards Presentation for SRT Project Volunteers



left to right: Allan Jusko, Charlie Husbands, Jeanette Barott and Dr. William Barott  
recipients not present were Dr. Hugh Ward and Dr. Jianhua Liu



Seth Mayo (left) of the Museum of Arts and Sciences being presented award  
by Section Chair Roger Grubic

# JANUARY 2011 MEETING

**Thursday January 20th** 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 –** Michael Brothers  
**TOPIC–** The Marine Science Center at Ponce  
**Inlet – Overview**

## **January Menu Selections**

Marinated Flank Steak  
Chicken Marsala  
Broiled Grouper

{All Entrees served with Roasted  
{Red Potatoes, Vegetable du jour,  
{Roll and Butter, Garden Salad, Coffee/Tea

**All entrées \$18.00 each, Students \$10.00 each. A Veggie plate is available upon request for \$10**

**For this month, please contact Tracy Wichmann with your dinner selections or for  
program information. Dinner selection's must be in by Wednesday morning  
so the club has time to order and prepare**

Tracy Wichmann

Vice Chairman

386-673-2753 [tracy@alum.mit.edu](mailto:tracy@alum.mit.edu)

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

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