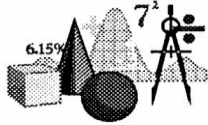




# SPARKS

Daytona Section Newsletter  
March 2016



## MARCH SECTION MEETING

Thursday March 24th at the Halifax River Yacht Club, 6:00 PM  
331 South Beach Street, Daytona Beach, Florida 32114

### PRESENTATION TOPIC

A Night of Potpourri with The Old Professor

Dinner 6:00 PM; Presentation 7:00 PM

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### CHAIR'S REPORT



This letter is going to be a short one, as Spring fever has struck, both in the form of allergies and a desire to be out and about and doing things other than sitting at my computer and typing.

That being said, I'd like to take a moment to thank everyone who helped make a successful Engineers Week. The atrium of the ERAU Lehman building was filled with students and section members for the banquet, and the robot soccer activity for middle schoolers the preceding day was a fantastic success.

Particular thanks go to: our Section Vice-Chair, Keith Garfield, for organizing the food and speaker; Tim Wilson, Chair of the ERAU Electrical, Computer, Software, and Systems Engineering Department, for hosting us; and Dean Laga, the Chair of the ERAU Student Branch for organizing the robot soccer and lab tours. Many other students and faculty were involved, as were several other Section members.

As for what's coming up? Plans are underway for the ERAU students and me to trek to Norfolk, Virginia, for this year's SoutheastCon event. While not participating in the hardware competition due to the space constraints of this year's board, the students intend to participate in several other activities, in addition to the valuable networking opportunities available. My strongest encouragement goes to everyone to attend this month's meeting, which features our very own feature columnist, Dr. Helfrick, doing what he does best—telling stories to amaze and intrigue, with a smattering of education tossed in for a bonus.

See you there!

*Jeanette*

## MARCH PRESENTATION

### A NIGHT OF POTPOURRI WITH THE OLD PROFESSOR



Sticking with the style of “Tales from the Old Professor”, Dr. Helfrick’s presentation promises to be his usual eclectic mix. The subjects will be historical, hysterical, and sometimes nostalgic but will have a connection to technology and in particular, aviation. This is a presentation you don’t want to miss as it most likely will become unscripted and cannot be repeated.

Al Helfrick, is Professor Emeritus at Embry Riddle Aeronautical University. He started his career in radiation hardening of military systems, then after a military stint including a tour of duty in Viet-Nam, continued in the fields of cable television, test and measurement, avionics and finally as an independent consultant. He joined ERAU in 1991 and retired in 2015 after serving as a professor and department chair. He is still active in academia teaching for the University of Kansas and continues to publish and present papers at conferences. His latest article appeared in the IEEE’s Aerospace and Electronic Systems Society Magazine in late 2015.

## FEBRUARY’S PRESENTATION



As mentioned in this month’s Chairs Column, Charles Chen, co-founder and CEO of Skymantics, LLC, gave an interesting and informative presentation on an overview of the challenges and benefits of Cloud Computing to a full crowd in ERAU’s Lehman Building during ERAU’s Engineering Week festivities.

He talked about the nature of the technology, and the control and security over the data.

## SECTION NOTES

The Daytona Section is proud to announce that two of our Section members were recently given awards by the IEEE Florida Council.



Dr. Massood Towhidnejad, Professor of Software Engineering in the Department of Electrical, Computer, Software, and Systems Engineering at ERAU, is shown being presented with the Florida Council Award for Outstanding Educator by Section Chair Jeanette Barott.



Allan Jusko, Daytona Section Editor, Past Chair, Vice Chair and Secretary, is shown being presented with the Florida Council Award for Outstanding Service by Section Chair Jeanette Barott.

## ANOTHER TALE FROM THE OLD PROFESSOR

### This Page Intentionally Blank

I am sure everyone has met this. In a document of some sort, a page has a single statement: "This Page Intentionally Blank". But obviously that is a lie. The page is not blank. There is the statement that says the page is blank and therefore is not blank. Perhaps the statement should read; "Except for this statement, this page is blank."

There is no "Tale from the Old Professor" this month. But that is the same conundrum as the blank page. Obviously there is a title, a byline, an introductory paragraph and this paragraph.

Let me restate the situation: Other than a title, byline and these few paragraphs there is no printed Tale from the Old Professor this month. But, dear reader, do not be disheartened as the Old Professor will present this month's Tale at the March 24<sup>th</sup> Daytona Section IEEE meeting.

You don't want to miss it.

*Al Helfrick*

## DAYTONA SECTION SHIRTS



We are pleased to offer Daytona Section polo shirts for our Section members. The shirts are embroidered with the IEEE Logo and DAYTONA SECTION on the left and your name and grade, if desired, on the right. The shirt is a high quality 5 oz, 65/35 poly/cotton pique in Royal Blue with white embroidery. Available in S - 2XL in men's as well as ladies sizes. Price is \$29, including tax, for S-XL size's, 2XL size is \$3 additional.

For more information or to order shirts contact:  
Allan Jusko 386-671-3706 or [a.jusko@ieee.org](mailto:a.jusko@ieee.org)

Indicate shirt size and name and grade if desired. Shirts must be paid for before ordering, typical turn-around time is 2 weeks. Arrangements can be made to pick up shirts or have them shipped to you.

## DAYTONA SECTION COFFEE MUGS



The Daytona Section has available coffee mugs with the IEEE Daytona Section Logo and are available for \$7.00. Purchase one or more to show your support and pride in our Section.

Contact Ron Gedney at 386-478-1204  
or [r.gedney@ieee.org](mailto:r.gedney@ieee.org) for more information.

## EDITORS NOTES

The **SPARKS** newsletter is also available on our website <http://www.ieee.org/go/daytona>

### 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 2016 spring and fall sessions are: Apr 28, Sep 22, Oct 27, Dec 1.

### 2016 SECTION OFFICERS

#### Chair – Jeanette Barott

386-226-7405 [jeanette.barott@ieee.org](mailto:jeanette.barott@ieee.org)

#### Vice Chair - Dr. Keith Garfield

386-226-7081 [garfielk@erau.edu](mailto:garfielk@erau.edu)

#### Treasurer - Dr. Jianhua Liu

386-226-7713 [liu620@erau.edu](mailto:liu620@erau.edu)

#### Secretary – Ron Gedney

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#### Membership Development –

#### Publicity/Media – Ron Gedney

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#### PACE Representative –

##### Dr. William Barott

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#### Awards -

#### Life Member Chair – Ron Gedney

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#### Computer Society Chair – Dr. Keith Garfield

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#### Student Activities, (Co-Chairs)

##### ERAU - Dr. William Barott

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##### B-CU - Dr. Mubarak Banisakher

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#### ERAU Student Chapter Chair- Dean Laga

[lagad@my.erau.edu](mailto:lagad@my.erau.edu)

#### Webmaster – Charlie Husbands

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#### SPARKS Editor - Allan Jusko

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## ENGINEERING FACT

Nothing makes an Engineer  
more productive, than the  
"Last Minute"

# MARCH 2016 MEETING

**Thursday March 24<sup>th</sup>** 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 Streets

**TOPIC** – A Night of Potpourri with The Old Professor

**SPEAKER** – Dr. Al Helfrick, Professor Emeritus at ERAU

## AGENDA

5:30 PM Greetings & Cocktails  
6:00 PM Dinner  
7:00 PM Presentation

## Dinner Menu

**CHICKEN PICCATA** served with a traditional caper and garlic sauce over whipped potatoes with grilled asparagus

**SHEPHERD'S PIE** with baby carrots

**HORSERADISH CRUSTED SALMON** with traditional Colcannon potatoes and grilled asparagus

The dinner price includes roll and butter, salad, dinner, coffee or tea, gratuity and tax

\*A Veggie plate is available on request for \$10\*

Members and guests \$20.00 each. Students \$10.00 each

Please contact Allan Jusko by Wednesday the 23rd at noon to give us a count for dinner or for further information

If you make reservations and are unable to attend, call at least 12 hrs prior to the event to cancel.

The Section is charged for all dinners ordered, please let us know if your plans change

Allan Jusko Editor

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