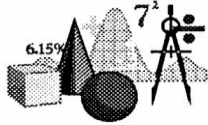




# SPARKS

Daytona Section Newsletter  
March 2017



## MARCH SECTION MEETING

Thursday March 23rd 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**

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### CHAIR'S REPORT



Happy March to one and all, as we move from Florida winter to Florida spring.

The Florida Council met in Orlando on Feb 18, with yours truly attending. Region 3 Director James Conrad was the guest, providing updates on Region 3 goals and taking questions. The primary issues discussed were membership growth, membership engagement, and monetary support of the Sections from the Region. I doubt that list surprised anyone reading it. Our section, as small as it is, does well from the standpoint of membership engagement. There were no concrete pronouncements from Mr. Conrad regarding additional monetary support for the sections, though he discussed the idea of providing more support for students.

We had excellent turnout for the EWeek banquet, held at ERAU on Feb 23. Our speaker, Kirsten Kasper, spoke about ERAU's role in the FAA's effort to modernize our air traffic control systems. Ms. Kasper is now distinguished as the very first recipient of our new travel mug as a gift for being a speaker at our dinners.

Our major events this month are the monthly dinner meeting on Mar 23, and of course IEEE SoutheastCon, held in Charlotte, NC, from March 30 – April 2. See you there!

*Keith*

## MARCH PRESENTATION

### A NIGHT OF POTPOURRI WITH THE OLD PROFESSOR

The Old Professor is back again this year for our March meeting with another “Night of Potpourri with the Old Professor”. Al Helfrick, has not divulged exactly what the subjects will be, but promises it will be about technology, engineering, a bit of history; national, international and local. In other words; potpourri and, of course, presented with The Old Professor’s usual whimsy. If it’s like last year, it promises to be a good night.

### OUR SPEAKER

Dr. 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 Vietnam), continued in the fields of cable television, test and measurement, avionics and finally as an independent consultant. Dr. Helfrick joined ERAU in 1991 and retired in 2015 after serving as both a professor and department chair. He is still active in academia, continues to publish and present papers at conferences, and occasionally regale audiences with reminiscences from his career.

## FEBRUARY’S PRESENTATION

Nextgen: Inventing the Next Generation Airspace. Kirsten Kasper, a project manager with the Florida NextGen Test Bed (FTB) gave a very informative presentation outlining ERAU’s role in the FAA’s effort to modernize our air traffic control systems and the effort to incorporate new technologies into air traffic control.

The effort involves the development of ubiquitous networking, global positioning systems, air traffic growth including the introduction of unmanned aerial vehicles. The objective is to have aircraft control be seamless from boarding to arrival at the destination gate. Also discussed were the issues involving communications and integration of systems when crossing over international boundaries.



Kristen Kasper being presented the new Daytona Section travel mug by Richard Kent, our Section Vice Chair

## ANOTHER TALE FROM THE OLD PROFESSOR

### NO TALE..... FROM THE OLD PROFESSOR

You read it right. This is a no tale Tale. (sort of sounds like; “no-tell hotel”) You may ask; why?

No! Not “no tell”! The “no Tale”. It is because your humble correspondent, turned raconteur, instead of a written Tale, it will be spinning tales and yarns at the March Daytona Section IEEE meeting.

I bet you would really like to know what the subjects will be for the March meeting. So would I. Probably the best thing to do is come to the meeting and we will find out together.

*Dr. Al Helfrick* , a.k.a. The Old Professor

## 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.

## 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/>

### Other web sites of note

#### Melbourne Section website

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

#### Orlando Section website

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

## FUTURE MEETING DATES:

The date for the final 2017 spring session is April 27

## IEEE MEMBERSHIP PINS

Membership pins are available for all member grades. Check out this website for more information [http://www.ieee.org/membership\\_services/membership/products/pins.html](http://www.ieee.org/membership_services/membership/products/pins.html)

## 2017 SECTION OFFICERS

### Chair – Dr. Keith Garfield

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### Vice Chair – Richard Kent

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### Webmaster – Charlie Husbands

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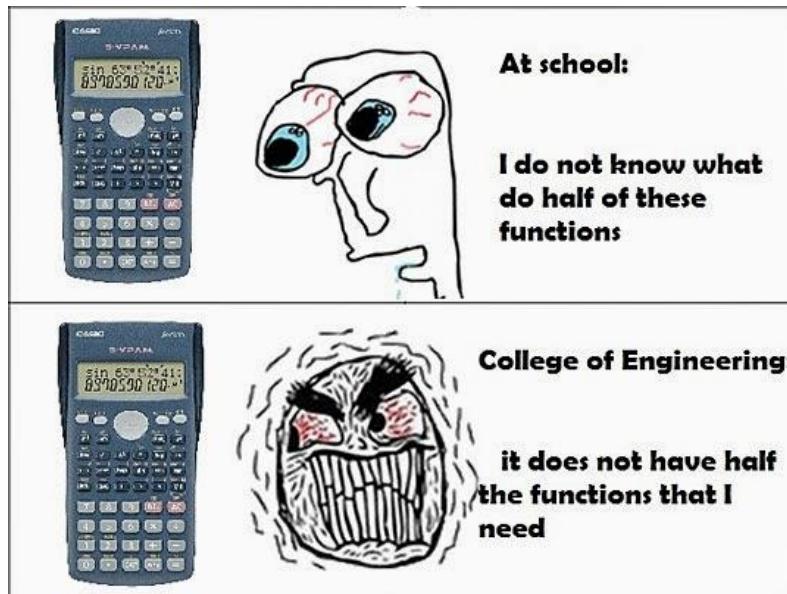
### SRT Project Coordinator - Charlie Husbands

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## ENGINEERING HUMOR



# MARCH 2017 MEETING

**Thursday March 23rd** 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

**Beef Tips Dijonnaise** – Sautéed Tenderloin tips with mushrooms, shallots, white wine, Dijon Mustard, demi-glace and cream. Served over bowtie pasta

**Chicken Piccata** with a lemon, mushroom, butter caper sauce, accompanied by wild rice and vegetable medley

**Grilled Salmon** served with a cream dill sauce, wild rice and vegetable medley

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

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

**Please contact Allan Jusko by Wednesday March 22nd at noon to give us a count for dinner or for further information**

**If you make reservations and are unable to attend, call 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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