President’s Corner

Welcome to another exciting year for our Space Coast Section!

I’d like to start off thanking Kristin for all of her hard work and a wonderful 2012-2013 year. We have a variety of events in the works for our upcoming 2013-2014 year, including Professional Development, Outreach, and Social meetings.

One of our primary goals this year is to increase participation and bring fun, valuable events to our members. We started off the year with a SWE'esta meeting. This casual and fun meeting was a great, informal way to network with SWE members. We followed up with Carol Bacque’s Travel and Work in Russia meeting. This was an informative glimpse into the benefits and challenges of working with another culture. We had an exciting book club session, and there will be more to come. We had another successful year of encouraging 7th-10th grade girls at our session of Wow! That’s Engineering. Many of these ladies continue on in college to math, science, and engineering fields.

I hope you will all join us for our next meeting at Tuscany Grill on Tuesday, November 19th at Tuscany Grill in Suntree. Donna Kocak, our reigning Outstanding Woman Engineer of the Year, will give an Ocean Engineering presentation about Maritime Technology. Keep an eye on our website and newsletters, as well as email blasts for dates and future events. Thank you all for supporting SWE and I look forward to seeing you over the upcoming year!

Suzanne Plante
SWE-SC President

Calendar of Events

<table>
<thead>
<tr>
<th>DATE</th>
<th>TOPIC</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 19, 2013</td>
<td>November Meeting</td>
<td>Tuscany Grill, Melbourne</td>
</tr>
<tr>
<td>December 8, 2013</td>
<td>Book Club and Holiday Gathering</td>
<td>Floyd Residence, Merritt Island</td>
</tr>
</tbody>
</table>
November Meeting:
“The State of Maritime Technology in 2013”
Tuesday, November 19, 2013

Time:  
6:00 – 6:45 Social  
6:45 – 7:30 Dinner  
7:30 – 8:30 Presentation

Location:  
Tuscany Grill  
7640 N Wickham Rd,  
Melbourne, FL 32940

Cost:  
$25 SWE Members  
$28 Non-members  
$15 Student Members

Join us at the Tuscany Grill in Melbourne on Tuesday, November 19th, for “The State of Maritime Technology in 2013” presented by Donna Kocak of Harris Corporation. Donna will be discussing the adoption of new technologies from terrestrial to maritime industries and how they are solving problems in the maritime environment. Join us for a fun evening of networking and interesting discussion. Check the website (www.swe-sc.org) for complete information and registration links.

RSVP by Web (preferred): Register By Nov 15th
Registration and Payment in advance is accepted through PayPal (using your PayPal account, credit or debit card) at http://swe-sc.org/meetings/2013/11.16.Registration.OceanEngineering.html

For more information, please contact:  
Lori McPherson at lmcpherson@IwakiAmerica.com

---

Book Club and Holiday Gathering

The Book Club met Sunday, October 20th, at Possum Crossings in Melbourne, to discuss the book “The Telling Room: A Tale of Love, Betrayal, Revenge and the World’s Greatest Piece of Cheese”. There were many points of view on the story and the characters, all shared over dishes like Fried Green Tomatoes and homemade potato chips, while sipping wine and Mint Juleps. Moonshine was available, but no one tried it!

The next Book Club will be held as an opener for the Holiday Gathering at Susan Floyd’s house, on December 8th. The book we will be reading is holiday themed. The Holiday Gathering will include a potluck meal (bring a dish from your culture!). Please contact Susan, at susan.l.floyd@nasa.gov, for more information and directions to her house.

Mr. Golightly’s Holiday: A Novel by Salley Vickers

Many years ago, Mr. Golightly wrote a work of dramatic fiction that grew to be an astonishing international bestseller. But his reputation is on the decline and he finds himself badly out of touch with the modern world. He decides to take a holiday and comes to the historic village of Great Calne, hoping to use the opportunity to bring his great work up to date. But he soon finds that events take over his plans and that the themes he has written on are being strangely replicated in the lives of the villagers around him.

As he comes to know his neighbors better, Mr. Golightly begins to examine his attitude toward love and to ponder the terrible catastrophe of his only son’s death. And we begin to learn the true, and extraordinary, identity of Mr. Golightly and the nature of the secret sorrow that haunts him and links him to his new friends.

Mysterious, light of touch, witty, and profound, Mr. Golightly’s Holiday confirms Salley Vickers’s reputation as a writer of “fiction that entertains even as it considers serious questions of sin and redemption, love and loss.”

Sunday, December 8, 2013

Book Review: 1 p.m.
Holiday Party: 2 p.m.

You don’t have to read the book to come join the networking!
**September Meeting in Review**

¡Quite a SWE ‘esta!

The Kick-off meeting for the 2013-2014 Year for Space Coast SWE was held at Fiesta Azteca in Melbourne on September 26th, and was attended by 22 members and guests. Everyone enjoyed delicious Mexican fare and Margaritas!

Our new President, Suzanne Plantec, outlined many of the exciting things planned for the upcoming year. In addition, Jacobs Technology presented SWE-SC with a $2,000 check as a contribution to our “WOW! That’s Engineering Program.” We want to sincerely thank Jacobs Technology for this contribution, which enables us to keep our registration costs low for this event.

**October Meeting in Review**

**Work and Travel in Russia**

On October 21, 18 Members and Guests met at the Palm Tree Café in Cocoa, where Carolyn Bacque-Carson made a very interesting presentation on Work and Travel in Russia.

The Palm Tree Café has an amazing French Chef and the appetizers and meals were all exceptional. Carolyn presented many lessons learned from her two trips to Russia, and also shared many interesting pictures and stories of her time there.

**FIRST LEGO League Robotics**

The FIRST LEGO League Robotics season has started! This program, for teams of 9-14 year-old kids, will be competing in a number of tournaments in Brevard County, on Saturdays, from 11/16 to 2/8. Judging is in three different areas: Robot Design, Research Project, and Core Values/Teamwork. The research project this year is on Natural Disasters, how to prepare for them, recover from them, predict them, etc. Training will be provided on request for new judges.

Anyone interested in more information about FLL or judging should contact Judy at judy.kersey@swe.org, or visit FLL’s website at http://www.firstlegoleague.org/.

**Judges and volunteers are needed**, in particular, for the Voltage Challenge on Saturday, November 23, at Melbourne High School from 8am to 4pm. Please contact DeAnn Davila, Tournament Director and SWE member, at dkdavila01@gmail.com or (321) 223-6329 if interested (even for half a day).
**Wow! That’s Engineering!**

We had a great turnout as usual for our WOW! That’s Engineering workshop on October 12, 2013. With 160 girls in the 7th to 10th grades, we needed all the great support we had, including 50 adult volunteers and approximately 10 high school volunteers, with many new faces and some new module leaders. Thank you to the Civil Air Patrol, Bayside High School BETA club, and the Florida Institute of Technology SWE section, as well as all of the individuals who volunteered, we could not do it without you!!! The program was an outstanding success again with the evaluations indicating that the girls thought it was one of the greatest programs they had ever attended. Some of the girls have attended this program for a number of years now and have even attended IGEW in the past.

Thank you to Jacobs Technology, Lockheed and Exxon Mobile for their sponsorship this year.

We are looking forward to doing this again next October and if you weren’t able to attend this year, watch for the date for next year.

**Outreach**

SWE Space Coast is very involved in the community for Outreach. We host two major outreach events every year: WOW! That’s Engineering, which takes place every October, and Introducing Girls to Engineering Workshop (IGEW), which usually takes place in February. We also participate in smaller events such as Science Fair Judging in the spring and various robotics events throughout the year.

We encourage you to participate. Keep a lookout for more events on our website, Facebook and Twitter. If you would like to volunteer or be a Sponsor for our Outreach program, please contact Adia Griffin at Outreach@SWE-SC.org. Thank you for your support!
Space Coast Robotics Day

The second annual CCTS Space Coast Robotics Day was held this year on October 5th, at Roosevelt Elementary School, in Cocoa Beach. This day-long event raised public awareness of the outstanding work done by Brevard County students in critical areas related to STEM education, and, also, was a means for providing sponsorship to participating robotics teams to support their efforts and travel to national and international competitions.

Participating students included:

☑ Elementary School Robotics Team working with LEGO(R) robots
☑ High School Teams that developed robotic Frisbee Throwing Robots
to compete in international competitions
☑ College Students that participated in the NASA Lunabotics Competition.


NASA Family Education Night

On September 28th, SWE Space Coast hosted a project table for the annual NASA KSC Family Education Night. The KSC Education Office hosted this free public event at the Astronaut Hall of Fame in Titusville. This year's theme was "New Heights...Beyond Earth." There were many hands-on activities, technology demonstrations, astronaut appearances and opportunities to interact with NASA engineers.

Space Coast SWE hosted an activity table titled “Soaking up the Sun,” to teach students about the sun’s radiation and about the MAVEN space mission. Each child, from the age of about 1 to 15 years old, had to make a bracelet with solar beads that changed from white to a vibrant color in the sun, in order to get their passport stamped.

It was a wonderful evening for all. Thank you to Donna Ware, Caley Burke and Adia Griffin for supporting this event. We happily support many outreach programs in our community and we look forward to doing it again next year.
Mission Statement
Our mission is to inform the community of opportunities open to women in engineering and to encourage women to enter and grow in engineering and the sciences.

Section Objectives

- **Continuing Development**
  Conduct programs that provide leadership and management skills to enhance professional, personal and SWE growth.

- **Network Support System**
  Provide a network to support professional, personal and family needs.

- **Promote Engineering/Science**
  Conduct programs to encourage and sustain increased female and minority participation in engineering and the sciences.

- **Visibility**
  Increase visibility in order to boost membership and increase members with more opportunities to serve their communities.