



BLACKLINES

*A Monthly Newsletter for Members of the
Treasure Coast Chapter of the Florida Engineering Society*

Volume 28, Issue 07

July 2013

PRESIDENT'S MESSAGE

Wow that was fast! I can't believe my term is coming to an end already. It seems like just yesterday I was speaking to all of you at Manero's about how we could better serve you and provide events you wanted to attend at prices you could afford.

We tried several different things this year. From a happy hour social to our traditional banquets, from a live Laws and Rules presentation to our amazing fundraisers, and from typical local speakers to a NASA engineer in Launch Control. Some have been more successful than others. We will learn and move forward.

I've tried to serve our membership as consistently and diligently as possible and to garner some recognition in local media and from State HQ for our efforts. We applied for the 2013 ACE Award and will receive those results at the Annual Conference. Mr. Hueter of LPA was nominated for K-12 Teacher Volunteer of the Year by our chapter and voting is happening now. Our scholarship winners and Engineer of the Year applicants were forwarded to State for their consideration. MathCOUNTS and Project Lead-the-Way continued their strong turnouts and amazing results. Our newest K-12 effort even received some press in the June FES Journal with Harold Tourjee's dedication to the Re-Engineering Algebra program for Martin County middle schools.

We've accomplished a lot in a year. I hope you enjoyed the ride as much as I have. Please attend our Installation meeting in a couple weeks and welcome our new board members. I hope I'll see you at the Annual Conference at The Breakers in Palm Beach at the end of July as well. Thank you for everything this year!

Calendar of Events for Upcoming



July 4th	Independence Day!!!	
July 8-9th	CTQP Earthwork Level 1 Miami	
July 10-11th	CTQP Earthwork Level 2 Miami	
July 12th	Advanced Work Zone Traffic Control Refresher Miami	
July 18th	July FES Meeting FES President-elect Glenn Forrest PE Monarch Country Club, Palm City	
July 31st - August 1st	"Engineering Our Own Path" FES/FICE 97th Annual Summer Conference & Expo The Breakers, Palm Beach	

- INSIDE THIS ISSUE -

2	July Meeting Details, Committees, FELI CALL
3	POTM and JOTM
4	Member News & Fishing Tourney Recap
5	PDHs, Contact Info & POTM Answer

July Meeting at a Glance...

- Who:** Incoming FES President Glenn Forrest, PE
What: Future of FES in 2013-2014
Where: Monarch Country Club
1801 Monarch Club Drive
Palm City, FL 34990
When: Thursday, July 18th
Cocktail Hour 6PM, Dinner at 7PM
Cost: \$35/PERSON
RSVP: Sue Zheng, PhD, PE@ vicepresident@tcfes.org

Florida Engineering Foundation Silent Auction

The Florida Engineering Leadership Institute (FELI) and its graduates are asking for help with obtaining items for the Florida Engineering Foundation (FEF) Silent Auction at the FES/FICE 97th Annual Summer Conference & Exposition. Don't be afraid to think out of the box. Innovative ideas include getting a group together and offering to wash (and wax) someone's car x times a year or painting a room in someone's house and providing the paint. Popular items always include a fishing trip, a week at your beach house, a golf outing, or household decorative items including photographs and painting. Also, arts and crafts usually receive multiple bids and help generate interest.

Please help. With a little imagination and not much effort, members can generate some great items. For more information or your auction donation, you may e-mail JW at jwhunter99@comcast.net

Now Accepting Applications for FELI Class of 2014

Application Deadline: September 2, 2013

Full Application: [FELI Application](#)
Intent to Apply: [FELI Intent](#)

Intend to apply but haven't completed the full application yet? Submit the Intent to Apply form and let us know.

For more information, [click here](#) or call Dee Kring, FES/FICE Director of Continuing Education at 850-224-7121 or dkring@fleng.org.

COMMITTEE CHAIRS

FES is a member driven organization. Our volunteers steer the Society in the best direction. Ideas and programs are created at the committee level and impact the organization at each level. Becoming part of a FES committee is very simple and rewarding.

We have several new volunteers, however, we still need a few more. For further details on a specific committee, or if you are interested in volunteering for any of these committees, please contact Sue Zheng, PhD, PE at vicepresident@tcfes.org.

In addition, please thank your fellow members who are volunteering their time to make a difference.

COMMITTEE CHAIRPERSONS

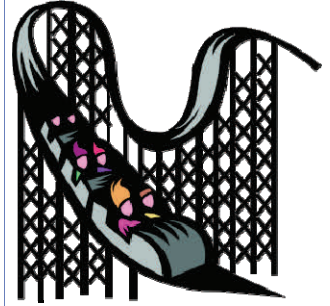
- Annual Meeting Steering – **VACANT**
- Awards – Craig Dunkelberger, P.E.
- Charter & Bylaws – Adam Schildmeier, P.E.
- Communications Advisory – Kelly Cranford, PE
- Conservation & Env. Quality – Richard Creech, P.E.
- Constructed Environment – Richard Creech, P.E.
- Energy – Jo-Ann Clynch
- Ethical Practices – Will Cornelius, P.E. & Allen Bottorff, P.E.
- Golf Tournament – Pat Ferland, P.E.
- K-12 Education – Adam Schildmeier, P.E.
- Leadership Advisory – Steve Gaydosh Jr., P.E.
- MathCOUNTS – Kathleen Edgemon, P.E.
- MathCOUNTS – Chad Rucks, P.E.
- Membership Development – Pat Ferland, P.E.
- Philanthropy – Will Cornelius, P.E.
- Prof. Concerns – Steve Gaydosh Jr., P.E.
- Prof. Development – Marcos Montes De Oca, P.E.
- Project LTW Co-Chair— Adam Schildmeier, P.E.
- Scholarship Co-Chair – Paul Bangs, P.E.
- Scholarship Co-Chair - Sue Zheng, PE, PhD
- Student Prof. Development – **VACANT**
- Webmaster - Adam Schildmeier, P.E.

CHAPTER LIAISON REPRESENTATIVES

- Engineers in Government - Kelly Cranford, P.E.
- Engineers in Construction - Paul Bangs, P.E.
- Engineers in Education - **VACANT**
- Engineers in Industry - Marcos Montes De Oca, P.E.
- Engineers Retired - **VACANT**

MATHCOUNTS PROBLEM OF THE MONTH:

The duration of a ride on the Shocker roller coaster is 1 minute 30 seconds. The Shocker has only one train consisting of a series of linked cars, each of which carries a pair of passengers. It takes each group of passengers exactly 30 seconds to board the train and exactly 30 seconds to exit the train. In one hour 480 people board the train, complete the ride and exit the train. Assuming there is never a seat left vacant, how many linked cars are in the Shocker's train? **Can't figure it out?** Find the Answer on Page 5!



Engineering Joke of the Month #1

Engineer vs. Manager

A man is flying in a hot air balloon and realizes he is lost. He reduces height and spots a man down below. He lowers the balloon further and shouts: "Excuse me, can you tell me where I am?"

The man below says: "Yes, you're in a hot air balloon, hovering 30 feet above this field."

You must be an engineer" says the balloonist.

"I am" replies the man. "How did you know."

"Well," says the balloonist, "everything you have told me is technically correct, but it's no use to anyone."

The man below says "you must be in management."

"I am" replies the balloonist, "but how did you know?"

"Well," says the man, "you don't know where you are, or where you're going, but you expect me to be able to help. You're in the same position you were before we met, but now it's my fault."

Engineering Joke of the Month #2

Retired Engineer

There was an engineer who had an exceptional gift for fixing all things mechanical. After serving his company loyally for over 30 years, he happily retired. Several years later the company contacted him regarding a seemingly impossible problem they were having with one of their multimillion dollar machines. They had tried everything and everyone else to get the machine to work but to no avail. In desperation, they called on the retired engineer who had solved so many of their problems in the past. The engineer reluctantly took the challenge. He spent a day studying the huge machine. At the end of the day, he marked a small "x" in chalk on a particular component of the machine and stated, "This is where your problem is". The part was replaced and the machine worked perfectly again. The company received a bill for \$50,000 from the engineer for his service. They demanded an itemized accounting of his charges.

The engineer responded briefly: One chalk mark \$1 Knowing where to put it \$49,999 It was paid in full and the engineer retired again in peace.

5th Annual Fishing Tournament and Fish Fry



WINNERS!!!

INSHORE: Team UCMCI (Tommy Thompson & Chris Gozdz) w/ 28" Snook and 26" Trout

OFFSHORE: Team ????? (Joe & Jesse Evans, Glen Gareau, and Rhett & Corbin Keene) w/ 27" Dolphin

SNOOPY ROD CALCUTTA: Team AACE (Patricia Roebing, Dave Andre, and Peter & Liz Andersen) w/ 30" Remora

Congratulations to the winners! I think all who attended had a great time. We have to keep striving to bring more and more people, including potential members to these events. On behalf of the FES Tournament Committee, thank you everyone for all your help in making the Tournament a success. We're looking forward to the 6th Annual Tournament already.



Membership News

Just for YOU

FES is always working to increase benefits offered to members, and to make sure members are aware of their benefits. Below are just three of the benefits available to FES/NSPE members, and we encourage you to visit www.fleng.org/membership.cfm for more information.

As an FES/NSPE member you are eligible for a \$20,000 scholarship to pursue a Corporate MBA degree with the Florida International University. That is almost half the cost of tuition, and available to you as an FES member.

Your FES/NSPE membership entitles you to a number of discounts on a wide variety of publications, standard contract documents, and other services. Make sure to visit NSPE's Benefits pages at www.nspe.org/MemberBenefits/benefitpartners.html for more information and a complete listing of member benefit partners.

As an FES member you can connect with over 470 FES members throughout the state in the 'Members of FES' group on LinkedIn.

Have an idea? If you think of a benefit or service that you would like to see available to FES members, please don't hesitate to contact your Member Services Department at 850-224-7121 or email Anne Wilson, Member Services Coordinator at awilson@fleng.org.

Forward the online FES Membership application or FES Brochure to a friend or colleague today:

www.fleng.org/membership-app.cfm

http://www.fleng.org/images/aboutFES/FES_Membership_Brochure.pdf

Professional Development Hours (PDHs)

Date	Event	Location	PDHs	Cost
At Your Pleasure	Project Management	Online/DVD	4 PDHs	\$125 FES/FICE Members, \$225 All Others
				For more information visit http://www.fleng.org/distancelearning.cfm
July 20-22	Advanced Workzone Traffic Control Refresher	55 Inlet Harbor Road, Ponce Inlet, FL	8 PDHs	\$225 for All
				For more information visit www.floridamot.com

<http://www.fleng.org/seminars.cfm>



Please visit our website!

<http://www.tcfes.org>

Send your comments and suggestions about our website to secretary@tcfes.org

Questions or Comments?

If you have any questions/comments, or if you would like something included in the monthly publication, please contact Heath Stocton at (772) 214-9782 or secretary@tcfes.org

2012 — 2013 Treasure Coast Chapter Board Members

Adam Schildmeier, P.E., President (772) 233-1510 president@tcfes.org
 Sue Zheng, PhD, P.E., Vice President (772) 343-9787 vicepresident@tcfes.org
 Dan Zrallack, P.E., Treasurer (772) 878-0072 treasurer@tcfes.org
 Etienne Bourgeois, P.E., Secretary (772) 692-4344 secretary@tcfes.org
 Larry Smith, P.E., Regional Vice President (561) 616-3911 regionalvp@tcfes.org
 Noah A. Handley, P.E. Past-President (863) 763-3041 pastpresident@tcfes.org
 Marcos Montes De Oca, P.E., State Director (863) 634-2131 statedirector@tcfes.org

TREASURE COAST CHAPTER
 Chartered 1987
FLORIDA ENGINEERING SOCIETY
 Affiliated with



MATHCOUNTS POTM SOLUTION:
 Each group of passengers boards the train, completes the ride and exits the train which takes a combined total of $0.5 + 1.5 + 0.5 = 2.5$ minutes. In 60 minutes this occurs $60 / 2.5 = 24$ times for 24 groups of passengers. If 480 people board, ride and exit the train in 60 minutes, it follows that each group consists of $480 / 24 = 20$ passengers. Since passengers are seated two to a car, the train must consist of $20 / 2 = 10$ cars.