

PRESIDENT'S MESSAGE

Incoming FES President Tery Glunt spoke at the July Treasure Coast Chapter Meeting. Tery shared his passion for the Engineering profession. Tery stated that he loves being an Engineer. He loves solving problems, making this work, improving things, and creating infrastructure. Tery also shared some of his ideas for FES for the upcoming year. Tery stated that even in these tough economic times our members can make a difference through participation and volunteering. Our Chapter provides many activities for engineers to share their time and talent.

On the local level, we have a great group of active members involved in our activities and programs, and I am sure we have another outstanding year ahead. This year we will continue our monthly meetings which have been well attended and in my opinion are great successes. The monthly meetings provide an opportunity for networking and socializing with friends. They are always fun and sometimes educational. We had several great meeting speakers last year and our next meeting in August promises to be another colossal event with City of Port St. Lucie Acting City Engineer Patricia Roebing speaking about the challenges associated with the Crosstown Parkway project.

The Math Counts program headed up by Kelly Cranford and Chad Rucks, and the Project Lead the Way program headed up by David Andre and Steve Gaydosh are both great examples of volunteering and active participation by the Treasure Chapter in our community. We will need your support to continue the success of these two tremendous programs.

Thanks to the long hours put in by Will Cornelius and several other key individuals, the Treasure Coast Chapter Scholarship program has expanded from two to four scholarships and the John E. Donahue, P.E. Scholarship Fund has been established. Will, Sean Donahue, Lisa Wichser and others are working with the FES Foundation to arrange for self-sustaining funding with matching donations from the Foundation for the Donahue Scholarship.

The annual Shrimp Boil, Golf Tournament and Bust-A-Cap shooting event are on the schedule and there is considerable interest in having a Fishing Tournament. We will be looking for an honest, sober, and precise volunteer to weigh in the fish caught by potentially un-sober engineer fishermen.

Most important – we need to keep doing what we've been doing. If it ain't broke, don't fix it. We need to continue to promote the profession of Engineering, do good things for our community, and HAVE SOME FUN with our friends and colleagues. I am looking forward to a great year.

Paul Bangs, PE, President

Calendar of Events for Upcoming Months



August 20	August FES Meeting Patricia Roebing, PE Venetian Banquet Room 6PM Drinks, 7PM Dinner
September 5	1ST COLLEGE FOOTBALL SATURDAY: A BUNCH OF "NAILBITERS" PURDUE VS TOLEDO—NOON UF VS CHARLESTON SOUTHERN—7PM FSU VS MIAMI—SEPT 7th—8PM
September 24	SAVE THE DATE Sept Meeting; Speaker & Location TBD
October!!!	Could it be?? A Fishing Tournament & Shrimp Boil Combination??? Details shortly!

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August Meeting at a Glance...

Speaker: Patricia Roebing, PE
Acting Port Saint Lucie City Engineer

Where: Venetian Banquet Room (fka Josef's)
Saints Golf Club, Port Saint Lucie, FL

When: Thursday, August 20th
Cash Bar 6PM; Dinner at 7PM

Dinner : OPTION #1 -- Sliced Roast Pork Loin w/ Balsamic Glaze
OPTION #2 -- Chicken Marsala, Sauteed w/ Mushrooms & Marsala
OPTION #3 -- North American Salmon Topped w/ Mango Salsa

(PLEASE RSVP WITH DINNER CHOICE ON OR BEFORE THURSDAY AUGUST 13th)

Cost: **\$30 PER PERSON (\$15 FOR GOVERNMENT EMPLOYEES)**

RSVP: Steve Gaydosh, P.E. (772) 446 - 6082
or sagenr@hcontrol.com

ENGINEERING JOKE OF THE MONTH

A tourist walked into a pet shop and was looking at the animals on display. While he was there, another customer walked in and said to the shopkeeper, "I'll have an AutoCAD monkey please." The shopkeeper nodded, went over to a cage at the side of the shop and took out a monkey. He fitted a collar and leash, handed it to the customer, saying, "That'll be \$5000." The customer paid and walked out with his monkey.

Startled, the tourist went over to the shopkeeper and said, "That was a very expensive monkey. Most of them are only few hundred dollars. Why did that one cost so much?"

The Shopkeeper answered, "Ah, that monkey can draw in AutoCAD - very fast, clear layouts, no mistakes, well worth the money."

The tourist looked at a monkey in another cage. "That one's even more expensive! \$10,000! What does it do?"

"Oh, that one's a Design monkey; it can design systems, layout projects, mark-up drawings, write specifications, some even calculate. All the really useful stuff," said the shopkeeper.

The tourist looked around for a little longer and saw a third monkey in its own cage. The price tag around its neck read \$50,000. He gasped to the shopkeeper, "That one costs more than all the others put together! What on earth does it do?"

The shopkeeper replied, "Well, I haven't actually seen it do anything, but it says it's an Engineer."

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 Paul Bangs at (772) 463-2848 or pjbangs@bellsouth.net.

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

COMMITTEE CHAIRPERSONS

- Annual Meeting Steering – Jen Porter, P.E.
- Awards – Craig Dunkelberger, P.E.
- Charter & Bylaws – Adam Schildmeier, P.E.
- **COMMUNICATIONS ADVISORY – VACANT**
- Conservation & Env. Quality – Richard Creech, P.E.
- Constructed Environment – Allen Bottorff, P.E.
- Energy – Bill Thiess, P.E.
- Ethical Practices – Melissa Corbett, P.E.
- Golf Tournament – Pat Ferland, P.E.
- K-12 Education – Jen Porter, P.E.
- K-12 Education co-chair – Sarah Henke, E.I.
- K-12 Education co-chair – Adam Schildmeier, P.E.
- Leadership Advisory – David Andre, P.E.
- MathCOUNTS – Kelly Cranford, P.E.
- MathCOUNTS – Chad Rucks, P.E.
- Membership Development – Pat Ferland, P.E.
- Philanthropy – Will Cornelius, P.E.
- Prof. Concerns – Allen Bottorff, P.E.
- Prof. Development – Marcos Montes De Oca, P.E.
- Project LTW Co-Chair—David Andre, P.E.
- **PROJECT LTW CO-CHAIR - VACANT**
- Scholarship Co-Chair – Paul Bangs, P.E.
- Scholarship Co-Chair - Sue Zheng, PE, Phd
- Student Prof. Development – Sean Donahue, P.E.
- Webmaster - Jon Murray/Adam Schildmeier

CHAPTER LIAISON REPRESENTATIVES

- Engineers in Government - Kelly Cranford, P.E.
- Engineers in Construction - Paul Bangs, P.E.
- Engineers in Education - Jen Porter, P.E.
- Engineers in Industry - Marcos Montes De Oca, P.E.

Help Wanted

Risk Management/Project Controls Engineer with 11 years' senior-level experience conducting risk analysis, budgeting, and job profitability. Excelled in market sectors including pharmaceutical, education, aviation and healthcare. Developed, maintained and analyzed project schedules. Well-versed in delays, changes, and manpower/resource loaded schedules utilizing Primavera software.

Please call 954-428-9010 or jbowden1@comcast.net for resume.

City of Pompano Beach seeks Civil Engineer II or III.

CE-II: (\$56K-\$79K) requires BS and eligibility for Florida P.E.

CE-III: (\$62K-\$88K) requires BS, Florida P.E. registration and minimum 10-years civil engineering experience.

Check www.mypompanobeach.org for more details. EOE



Market Yourself

Post Your OWN Resume on the FES Website

As a member of FES, individuals may post (for free) their resume on the FES website (www.fleng.org). A brief paragraph (50 words or less) will be posted on this classified advertising page and the information may include your name (or blind PO Box), position seeking, years of experience, and contact information. Send your information to Kathy Roland at kathy@fleng.org or call FES headquarters at 850-224-7121.

MATHCOUNTS PROBLEM OF THE MONTH:

The Armstrong Air & Space Museum in Ohio is located in the town Neil Armstrong was born in. The museum charges \$8.00 for adult tickets and \$4.00 for children's tickets. If a total of 230 tickets are sold in one day for a total revenue of \$1288.00, how many adult tickets were sold? Can't figure it out?

Find the Answer on Page 4!

Project Lead The Way Co-Chair(s)

After many years of devotion to the success of Project Lead The Way David Andre is seeking some assistance with preparing and implementing the curriculum, the presentations, and the judging of the projects. In short he is seeking as many as 2 Co-Chairs to assist with the Project. Contact David Andre @ 772-807-9191 or dandre@aaceinc.com to pursue this challenging and rewarding opportunity. In addition there is an early jump on next years program, Dave is also looking for dynamic individuals who desire to present their particular discipline to eager high school students wanting to learn more about our various professions.

Professional Development Hours (PDHs)

Date	Event	Location	PDHs	Cost
August 27 7:30AM-5PM	FICE Advanced Work Zone Refresher Course	Embassy Suites Altamonte Springs, Florida	6 PDHs	\$275 FES/FICE Members, \$375 All Others After August 12th, \$50 late fee applies <i>For more information visit</i> http://www.fleng.org/seminars.cfm?event_id=380
Sept 15-17 7:30AM-5PM Daily	FICE Roadside Design Course	Tampa Water-side Hotel & Marina	24 PDHs	\$599 FES/FICE Members, \$699 All Others After August 31st, \$50 late fee applies <i>For more information visit</i> http://www.fleng.org/seminars.cfm?event_id=391
Starting Aug 27th	Civil PE Review Course Webinar offered in concert with MNSPE	Online	To GET your PE!!!!	\$600 FES/FICE Members, \$850 All Others Registration Ends Aug 19th <i>For more information visit</i> http://www.fleng.org/seminars.cfm?event_id=405 <i>Limited Class Size so SIGN UP NOW!!!</i>

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



Please visit our website!

<http://old.fleng.org/treasurecoast/>

Send your comments and suggestions about our website to
aschildmeier@creechinc.com

Questions or Comments?

If you have any questions/comments, or if you would like something included in the monthly publication, please contact Adam Schildmeier at (772) 283-1413 or aschildmeier@creechinc.com

2009 — 2010 Treasure Coast Chapter Board Members

Paul J. Bangs, P.E., President (772) 463-2848 pjbangs@bellsouth.net
 Stephen A. Gaydosh, P.E., Vice President (772) 446-6082 SAGENGR@HCONTROL.COM
 Noah A. Handley, P.E., Treasurer (863) 763-8999 noah.handley@aecom.com
 Adam Schildmeier, P.E., Secretary (772) 283-1413 aschildmeier@creechinc.com
 Pat Ferland, P.E., Regional Vice President (772) 464-3537 pferland@ct-eng.com
 Jonathan Murray, E.I., Past-President (417) 496-4453 murrayjw1190@gmail.com
 David Andre, P.E., State Director (772) 807-9191 dandre@aaceinc.com

TREASURE COAST CHAPTER
Chartered 1987
FLORIDA ENGINEERING SOCIETY
Affiliated with
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
P.O. BOX 8764, PORT ST. LUCIE, FL 34985



MATCHPOINTS POTM SOLUTION: a + c = 230 --> c = 230 - a; 8a + 4c = 1288; Through substitution we get 8a + 4(230 - a) = 1288; Now we can solve for a. 8a + 920 - 4a = 1288 -> 4a = 368 --> a = 92; 92 adult tickets were purchased.



HEROES AT HOME is a program Sears Holdings has created in partnership with Rebuilding Together in response to an urgent need to assist military families facing hardship.

REBUILDING TOGETHER, the nation's largest all volunteer home rehabilitation organization, is committed to bringing warmth, safety and accessibility to homeowners who do not have the financial or physical resources to complete home repairs and other necessary improvements.



Help support Heroes at Home and Rebuilding Together or refer a veteran who may need assistance!



<https://secure.groundspring.org/dn/index.php?aid=11774>



ROBERT LAMARCHE enrolled in the Army upon graduation from high school. He was deployed to Iraq. While there, he was struck by a bullet which resulted in permanent paralysis from the neck down.

Spc. LaMarche's community in Green Bay, Wisconsin, answered the call to action in the months that followed his recovery. Through a referral from his local Sears store, the Heroes at Home program was able to provide wheelchair friendly flooring, new windows and new siding to Mr. LaMarche's home.

An ABC News story of Spc. LaMarche and Heroes at Home can be found at:

<http://www.youtube.com/watch?v=9W9yWkVMhI4>

Visit Heroes at Home and Rebuilding Together

<http://www.searsholdings.com/communityrelations/hero/>

<http://www.rebuildingtogether.org/>



PHILANTHROPY COMMITTEE



Are you involved with a local charitable organization that is looking for help?
 Would you like to partner with your fellow chapter members to give back to our community?
 Please contact Will Cornelius, P.E. at WCornelius@Ardaman.com for additional information.



Florida Engineering Society Palm Beach County Chapter



Fall 2009

P.E. EXAM REFRESHER COURSE

\$100 FES Members

\$150 Non-Members

Make checks payable to FES Palm Beach.

When: Tuesday's and Thursday's 7:00 PM to 9:30 PM
September - October

Where: (Tentatively) Room 3-W-12
Palm Beach County Engineering and Public Works
2300 N. Jog Road, West Palm Beach, FL 33411

Contact: Jimmy Richie, PE, Wantman Group, Inc.
jimmy.richie@wantmangroup.com
Phone 561-472-8125

Once again we will be offering a **FREE** introductory class!!! It will include studying tips, test taking tips and we will answer questions about the course and exam. We will also take suggestions for the instructors as to which specific areas or problems you would like to be covered in that class.

FINALLY, please contact Jimmy if you would like to be an instructor! Thanks!