

PRESIDENT'S MESSAGE

How quickly the year has passed. Seems just like yesterday that the new Board was being sworn in and I was taking over the reins of this fine organization. The past year was a successful year as far as membership was concerned – the drop in membership was not as significant as other chapters. The meeting attendance dropped from previous years, but the economy has had a lot to do with that as many firms are cutting out the sponsorship of memberships and dinner meeting costs. I am sure that those of us that are walking the unemployment line will be struggling to get our memberships next year unless the economy turns around quickly.

The Project Lead the Way was another success this year, thanks to Adam Schildmeier, PE and John Adair, PE, our Chairs of that committee. Great job, guys. Those that were there for the judging of the final projects saw some very creative minds at work. Some of the projects were very well presented, and these were just freshman. We also added a PLTW program to the Martin County High School system as well. Two FES members were advisors for the Martin County Drafting and Design Academy. One of the students in that program was interviewed for a local news station during their career day and noted he had also won a scholarship from our Chapter, so we made some good press this past year.

Our MathCOUNTS had another outstanding year, with a phenomenal group of students. Kathleen Edgemon, PE and Chad Rucks, PE led the way and their leadership showed in the heat of the battle of the local competition.

The Fishing Tournament and Fish Fry is coming up shortly in June. Look for the announcements, and please try to enter your boat or show up for the dinner. We will have another great T-shirt design this year as well.

I will close with thanking each and every member of the Treasure Coast Chapter for their unending support of our great chapter. We try hard to make the meetings entertaining yet worthwhile when you attend. Those that served on State Committees and local committees, I thank you from the bottom of my heart for your hard work and efforts. (Continued on next page)

Calendar of Events for Upcoming Months



June 18	<p>FES TC Chapter 3rd Annual Fishing Tournament and Dinner</p> <p>At CAPTEC Engineering</p> <p>301 NW Flagler Ave., Stuart, FL</p> <p>Lines in the water at 7:00 am</p> <p>Weigh in between 3:00 pm and 4:00 pm</p> <p>Followed by Fish Fry at 4:00 pm</p> <p>(See Page 2 for details)</p>
June 9	<p>5 Ways Increase Your Short List Win Rate</p> <p>- Webinar</p>
June 17-18	<p>2011 FES Leadership Conference</p> <p>Gaylord Palms Resort and Convention Center</p>
August 15-18	<p>AASHTO National Transportation Management Conference</p> <p>Ft. Lauderdale, Florida</p>

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MathCounts Student Problem of the Month



Alyssa, Benson, Carlos and Diana go to the park. They sit down at the two opposite, long sides of a picnic table. Each side of the table can accommodate two individuals. A tree shades one-half of the table and half of the seats from the sun, while the other half of the table and seats are not shaded, as shown. Carlos has sensitive skin and must sit in a seat located on the shaded half of the table. Diana and Alyssa are enemies and insist on sitting at opposite sides of the table. How many different arrangements are there for the four of them to be seated at the two opposite, long sides of the table?



Suppose two tables are pushed together, and now there are two seats on each of the four sides of the newly constructed picnic table, as shown. The tree continues to shade one-half of the table and half of the seats from the sun, while the other half of the table and seats are not shaded. Alyssa, Benson, Carlos and Diana again sit down at the table. Again, Carlos must sit at a shaded seat due to his sensitive skin. Diana and Alyssa still insist on sitting at opposite sides of the table. How many different arrangements are there for the four of them to be seated at the table now?



Erin joins them at the park 10 minutes later. The eight seats are positioned around the table as in the last problem and the same seating restrictions apply for Carlos, Alyssa and Diana. Suppose Erin decides to sit in a seat located on the half of the table that is shaded. How many ways are there for the five of them to be seated at the table?

(see page 5 for solutions)

(President's Message)

Our Chapter always has outstanding attendance for these committees. To the Board of Directors, I cannot say enough of how you stepped to the plate and hit a homerun during my term as President. This was a phenomenal Board of young, energetic engineers. Next year will show a major downturn in the age for the Board (I'll probably be twice the mean age) but I'll try to keep them on the straight and narrow. Again, thanks to everyone for your hard work and efforts in making this chapter a success. It has been a pleasure to have served as your President this past year.

Steve Gaydosh, P.E.; Chapter President

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 Steve Gaydosh, PE at president@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.
- Communications Advisory – Jennifer Grissom, PE
- Conservation & Env. Quality – **Vacant**
- Constructed Environment – Richard Creech, P.E.
- Energy – Bill Thiess, P.E.
- Ethical Practices – Melissa Corbett, P.E.
- Golf Tournament – Patrick Ferland, P.E
- K-12 Education – Adam Schildmeier, P.E.
- Leadership Advisory – David Andre, P.E.
- MathCOUNTS – Kathleen Edgemon, P.E.
- MathCOUNTS – Chad Rucks, P.E.
- Membership Development – Patrick Ferland, P.E.
- Philanthropy – Will Cornelius, P.E.
- Prof. Concerns – Steve Gaydosh, P.E.
- Prof. Development – Marcos Montes De Oca, P.E.
- Project LTW Co-Chair - Adam Schildmeier, P.E.
- Project LTW Co-Chair - John Adair, 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**

June 18, 2011

3rd Annual Fishing Tournament & Fish Fry

Treasure Coast Chapter Florida Engineering Society



Fishing Tournament

- **Where** - CAPTEC Engineering, 301 NW Flagler Ave. Stuart, FL 34996
- **When** - June 18 - Lines in the Water 7:00 AM, Weigh In 3:00 PM to 4:00 PM CAPTEC Dock. Awards & Dinner to follow Tournament Weigh In.
- **Cost** - \$35 per angler Proceeds to benefit Treasure Coast FES Scholarships, Project Lead the Way, and Math Counts.
- "Snoopy Rod Calcutta" \$50 per boat Longest Fish (Any Legal Species) Winner Splits Proceeds 50/50 with Scholarship/Awards Fund.
- **Prizes** Awarded to the 1 - Heaviest Aggregate Weight Legal Snook & Redfish, 2 - Heaviest Dolphin. **Guests and Non-Anglers Welcome** Lat. 27.208977° N Long 80.259276° W
- For More Information Contact: **Noah Handley** - 863-634-618 vicepresident@tcfes.org; or **David Andre** - 772-408-2735 dandre@aaceinc.com .



Fish Fry



- Follows Fish Tournament and Starts **at 4:00 pm** at **CAPTEC Engineering**
- \$25 per guest / non-angler (\$20 per angler, Children Eat Free); Please RSVP **Noah Handley** - 863-634-618 vicepresident@tcfes.org .

Project-Lead-The-Way—2011

Florida Engineer Society Treasure Coast Chapter

This year the students were asked to create a mall or strip mall concept with certain criteria as given and create a site plan with parking, drainage, utilities, access, traffic controls, permitting, power, lighting and also estimate total cost and then present that to the judges in a mock RFP scenario.

2011 Winners are:

First Place: Christian Tirado

Second Place: Daniel Morales and Juan Morales

Third Place: Derek Horn and Steve Lyshon

As described in the president's message, "The Project Lead the Way was another success this year" This success, like any other success in the past PLTW projects, takes our volunteers' months and months of hard work, dedications, and leadership! Thank you all!



Membership News

Membership applications, tools, and additional information is available at www.fleng.org/membership.cfm or contact the Member Services Department at 850-224-7121

Do your peers know where to find you?

FES will be sending out member record update sheets to all members in mid-June. Please be on the look-out for these forms, review them carefully, make any corrections, and fax or mail them back to FES Headquarters.

It's not too late to get involved.

Volunteers network with peers from across the state, and work together for the advancement of the Engineering Community... It's a win-win. For more information on the committees listed below [click here](#). If you are interested in volunteering, notify your Chapter officers so they can nominate you to participate.

Questions? Contact Anne Cannone at anne@fleng.org.

Professional Development • Professional Concerns • Ethical Practices

K-12 • Student Professional Development • Scholarship • MATHCOUNTS

Energy • Conservation and Environmental Quality • Constructed Environment

Awards • Communications Advisory • Annual Conference • Leadership • Membership

Society Program and Events

For more information on the events below or to download complete brochures visit www.fleng.org

FES/FICE 95th Annual Summer Conference & Exposition

Engineers On the Waterfront

Miami Beach, Florida | August 3 – 6, 2011



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[Online Registration](#) is now open for the FES/FICE 95th Annual Summer Conference & Exposition. It's easier than ever to make your travel plans. With just a few simple clicks, you will be able to register for the conference and confirmed with a room at the Fontainebleau. All that will be left is to pack your bags! Don't forget to register to win a FREE full registration at the [FES Facebook Fan Page!](#)

2011 FES Leadership Conference

Gaylord Palms Resort and Convention Center | June 17-18, 2011

Come early or stay late, and bring the whole family! Hotel room rates start at \$124.00 per night, plus tax. To download a brochure, register online, or for more information please [click here](#).

Now Accepting Applications for the FELI Class of 2012

Application Deadline: September 9, 2011

FES/FICE is pleased to announce confirmed dates for the Florida Engineering Leadership Institute Class of 2011. FELI will run from November 2011 through August 2012. For an application, schedule of classes, or more information [click here](#). Questions? Contact Dee Kring at 850-224-7121 or dkring@fleng.org.

[Solutions to MathCounts Problems](#)

No 1: 8 ways

No 2: 240 arrangements

No. 3: 400 arrangements

Professional Development Hours (PDHs)

Date	Event	Location	PDHs	Cost
June 9	5 Ways Increase your Short List Win Rate	Webnar	N/A	\$40 FES/FICE Members, \$60 All Others
				\$30 for additional viewer as member
				<i>For more information visit</i> http://www.fleng.org/seminars.cfm?event_id=507
June 14	Post Recession in the Workplace	Webnar	N/A	\$405 FES/FICE Members, \$60 All Others
				\$30 for additional viewer as member
				<i>For more information visit</i> http://www.fleng.org/seminars.cfm?event_id=508
August 15-18	AASHTO National Transportation Management Conference	Hilton Ft. Lauderdale Airport	N/A	\$1495 per participant
				<i>For more information visit</i> http://www.fleng.org/seminars.cfm?event_id=499

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



Please visit our NEW 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 Sue Zheng at 772-343-9787 or email at secretary@tcfes.org

2010 — 2011 Treasure Coast Chapter Board Members

Stephen A. Gaydosh, P.E., President (772) 446-6082 president@tcfes.org
 Noah A. Handley, P.E., Treasurer (863) 763-8999 vicepresident@tcfes.org
 Adam Schildmeier, P.E., Secretary (772) 283-1413 treasurer@tcfes.org
 Sue Zheng, P.E., PhD, Secretary (772) 3439787 secretary@tcfes.org
 Pat Ferland, P.E., Regional Vice President (772) 464-3537 regionalvp@tcfes.org
 Paul J. Bangs, P.E., Past President (772) 463-2848 pastpresident@tcfes.org
 David Andre, P.E., State Director (772) 807-9191 statedirector@tcfes.org

TREASURE COAST CHAPTER

Chartered 1987

FLORIDA ENGINEERING SOCIETY

Affiliated with

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

P.O. BOX 8764, PORT ST. LUCIE, FL 34985

