

FOUNDED 1916



Florida  
Engineering  
Society

# BLACKLINES

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

**Volume 27, Issue 2**

**February 2013**

## PRESIDENT'S MESSAGE

*Adam Schildmeier, P.E.*

Can you believe the Treasure Coast Chapter of the Florida Engineering Society has been in existence now for twenty five years already? A quarter of a century! If our chapter was a married couple it'd be our Silver Anniversary. I forgot my gift!

In 1986, the founding members of the chapter held a golf tournament to raise money for scholarships while the chapter's application, bylaws and charter were being approved. The Treasure Coast Chapter was officially recognized in 1987. Now the chapter holds golf and fishing tournaments, shrimp boils, and skeet shoot fundraisers for our MathCOUNTS competition and State Tournament sponsorship, Project Lead the Way and similar K-12 efforts, along with thousands of dollars in scholarships to local high school seniors heading off to pursue engineering as a career. I commend all of those original members who strove to separate from the Palm Beach chapter on their vision. We now have twenty five years of evidence to prove it was a worthwhile endeavor that couldn't have accomplished what it has if the status quo had remained.

Later this month is also National Engineer's Week. It's our opportunity each year to celebrate our profession and introduce engineering to the next generation in our area. Too many students with creative and curious minds are missing that message due to outdated information, misplaced guidance, or simply a lack of awareness. You can help stem that tide by getting involved and volunteering for one of our events. We'd love to have you!

I hope to see everyone February 22<sup>nd</sup> at our annual E-Week Banquet at the Springhill Suites in St Lucie West. A representative will give a brief talk about all the changes occurring around Cape Canaveral and we'll be honoring our Engineer of the Year and Young Engineer of the Year of 2013.

## Calendar of Events for Upcoming Months

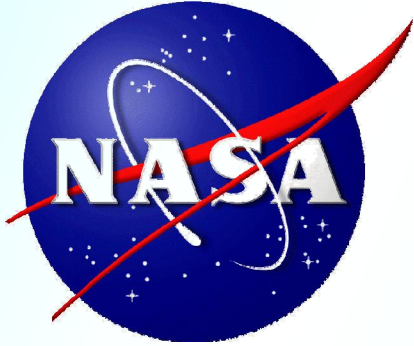


Feb 17-23	National Engineers Week
Feb 22	E-Week Banquet @ Springhill Suites (SLW)
March 15	Florida MATHCOUNTS

Please join us **Friday, February 22<sup>nd</sup>** for  
**the 25<sup>th</sup> Annual E-Week Banquet!**

With Special Guest Speaker Ann Micklos,  
Mission Assurance Engineer from the  
Kennedy Space Center

**NASA: What's next after the  
space shuttle program?**



We'll also be recognizing this year's  
Engineer of the Year and Young Engineer  
of the Year for 2013!

At the Springhill Suites - St Lucie West  
2000 NW Courtyard Circle



Port Saint Lucie , FL 34986

6pm Happy Hour  
7pm Dinner and Presentation

\$40 per person  
Formal attire is requested

Please RSVP for this event to Sue Zheng  
@ [vicepresident@tcfes.org](mailto:vicepresident@tcfes.org)  
By 5pm Tuesday February 19th

## **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 our State Committees. For further details on a specific committee, or if you are interested in volunteering for any of these committees, please contact Adam Shildmeier at (772) 283-1413 or [President@tcfes.org](mailto: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 – Kelly Cranford, P.E.  
Conservation & Env. Quality – Richard Creech, P.E.  
Constructed Environment – Richard Creech, P.E.  
Energy – Jo-Ann Clynych  
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.  
Professional Concerns – Steve Gaydosh, P.E.  
Prof. Development – Marcos Montes De Oca, P.E.  
Project LTW – Adam Schildmeier, P.E.  
Scholarship – Paul Bangs, P.E.  
Student Prof. Development – **Vacant**  
Webmaster - Adam Schildmeier, P.E.

## **CHAPTER LIAISON REPRESENTATIVES**

Prof. Eng. 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**



# Blast

Thank You Syfrett Ranch  
for again hosting a great Event!





Florida MATHCOUNTS State Competition  
March 15, 2013

Doubletree by Hilton at the Entrance to Universal Orlando

**Chapter Competition Dates and Locations are now available online. Please click here.**

<http://www.fleng.org/calendar.cfm?cyear=2013&cmonth=2>

### Society News | Awards and Deadlines

**Reminder: FES Award Program Deadline is March 8, 2013**

- Engineer of the Year – March 8, 2013
- Young Engineer of the Year – March 8, 2013
- Award for Outstanding Technical Achievement – March 8, 2013
- Award for Outstanding Service to the Engineering Profession – March 8, 2013

Applications <http://www.fleng.org/awards.cfm>

Each chapter has an awards program that recognizes individuals at the local level. This is the first step to nomination at the state level. Please check with your chapter president or awards representative for the chapter nomination process. Questions? Contact Trevor Maddox at 850-224-7121 or [tmaddox@fleng.org](mailto:tmaddox@fleng.org).

### 2013 FES Practice Section Awards ...

#### [All Award Descriptions and Deadlines](#)

Applications are available at [www.fleng.org](http://www.fleng.org) under each respective Practice Section.

[Florida Professional Engineers in Industry \(FPEI\)](http://www.fleng.org/FPEI/FPEIawards.cfm) <http://www.fleng.org/FPEI/FPEIawards.cfm>

[Florida Professional Engineers in Government \(FPEG\)](http://www.fleng.org/FPEG/FPEGawards.cfm) <http://www.fleng.org/FPEG/FPEGawards.cfm>

[Florida Engineers in Construction \(FECON\)](http://www.fleng.org/FECON/FECONawards.cfm) <http://www.fleng.org/FECON/FECONawards.cfm>

For further questions please contact Kelly Jones at [kelly@fleng.org](mailto:kelly@fleng.org) or (850)-224-7121.

### 2013 FES K-12 Awards Program

#### CHAPTERS its time to nominate!

The Florida Engineering Society K-12 Committee is pleased to present two awards designed to acknowledge individuals who endeavor to introduce engineering to K-12 students.

- **K-12 Engineer Volunteer of the Year** – recognizes the FES member who has volunteered his or her time to introduce engineering and technology concepts and activities to K-12 students.

Who May be Nominated:

1. Any current FES member who has actively promoted engineering and technology concepts to K-12 students.
2. FES Member must be nominated by a local chapter of the Florida Engineering Society.

- **K-12 Teacher of the Year for Engineering** – recognizes a K-12 teacher who creatively incorporates or promotes engineering and technology concepts and activities in his or her lessons in the classroom.

Who May be Nominated:

1. Any full time K-12 classroom teacher currently certified and teaching in the state of Florida.
2. Teacher must be nominated by a local chapter of the Florida Engineering Society.

Each of these awards includes a monetary prize to be presented to the teacher, school, volunteer, and chapter.

[Nomination forms](http://www.fleng.org/k-12/announcements.html) (<http://www.fleng.org/k-12/announcements.html>) are available on the FES K-12 website.

Please review the nomination forms and make your nominations before May 15, 2013. The nominations will be reviewed by the K-12 Committee, and the winning engineer and teacher will be presented with their awards at the 97th FES/FICE Annual Summer Conference, July 31- August 3rd at the Breakers in Palm Beach, FL.

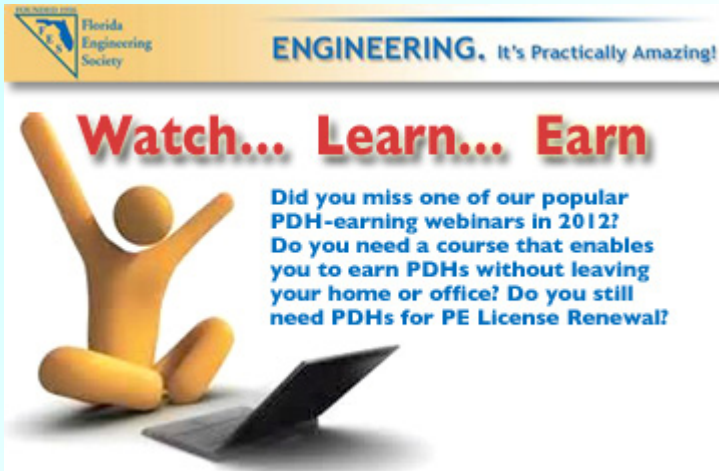
## Milton F. Lunch Ethics Contest

[Download a 2013 Contest Flyer](#)

All current NSPE individual members through their NSPE state societies, and NSPE chapters (including student chapters) are invited to participate in the 2013 NSPE Milton F. Lunch Ethics Contest which provides an opportunity to match your wits with experienced PEs and engineering students throughout the country!

The winning entry will receive a certificate, recognition in PE magazine, and an award of \$1,000 (\$500 to the NSPE state society or NSPE chapter and \$500 divided among the authors), provided by NSPE and the NSPE Educational Foundation. [Read More >>](#)

## Continuing Education | Distance Learning



To view a list of webinars and webinars on demand, click [here](http://www.fleng.org/webinars.cfm). <http://www.fleng.org/webinars.cfm>

To view distance learning opportunities, please click [here](http://www.fleng.org/distancelearning.cfm). <http://www.fleng.org/distancelearning.cfm>

For more information, contact the Continuing Education Department (850) 224-7121 or [seminars@fleng.org](mailto:seminars@fleng.org).

## Upcoming Seminars

### February 4 – One Stop PDH Shop

Tallahassee

For more information and to register, please click here.

[http://www.fleng.org/seminars.cfm?event\\_id=571](http://www.fleng.org/seminars.cfm?event_id=571)

### February 20 – One Stop PDH Shop

Orlando

For more information and to register, please click here.

[http://www.fleng.org/seminars.cfm?event\\_id=554](http://www.fleng.org/seminars.cfm?event_id=554)

## Upcoming Webinars

### February 14-June 27 – Online Career Development Curriculum

For more information and to register, please click here.

[http://www.fleng.org/seminars.cfm?event\\_id=574](http://www.fleng.org/seminars.cfm?event_id=574)

### February 19-April 5 Online PE Review Course

For more information and to register, please click here.

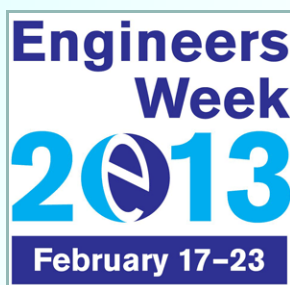
[http://www.fleng.org/seminars.cfm?event\\_id=575](http://www.fleng.org/seminars.cfm?event_id=575)



## Other Upcoming Meetings and Events

Date	Meeting
February 5 - 6	PE Legislative Days, Tallahassee, FL
February 17 - 23	National Engineers Week
February 20	One Stop PDH Shop (Orlando)
March 1	Northeast FI Chapter MATHCOUNTS Competition, University of N FI Arena
March 5	Florida Legislature Regular Session Convenes
March 15	Florida MATHCOUNTS State Competition (Orlando)

### News | 2013 Engineers Week



#### Engineer's Week February 17-23, 2013

This year's Engineers Week theme celebrates you—engineers, engineering students, and technicians—and all of the amazing things you do everyday to make the world a better place. 2013 Logo and Poster Artwork Now Available for Download  
<http://www.eweek.org/NewsStory.aspx?ContentID=287>

### Society News | 2012-2013 Membership Renewal

#### 2012 Membership Renewal

Thank you to everyone who has renewed. If you have not done so, there is still time. Please contact Amanda, Janice or Jane for assistance at 850-224-7121. Renew today and keep YOUR professional society strong.

Payments **were due on October 1, 2012**

(Don't forget - you have the opportunity to purchase Laws & Rules and Project Management at greatly reduced rates when you renew).

Payment options: [Online](http://www.fleng.org/customers.cfm) <http://www.fleng.org/customers.cfm>

Phone: 850-224-7221

Fax: 850-222-4349

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**FEF announces \$30,000 in Engineering Scholarship for the 2013 School Year!**

Applications are due February 15, 2013.

For more information please click here.

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

**Congratulate a Recent PE or EI!**

Recognize the recently licensed PE or EI in your office by inviting them to become active in the Society that supports their profession. Applications are available on-line at [www.fleng.org](http://www.fleng.org).

**Chapter Meetings**

This coming year we are planning several lower cost, less formal gatherings to increase attendance and FES awareness of current and prospective members. Have a favorite place for Happy Hour? Know of a place that is getting rave reviews? Please send any ideas you have to Sue Zheng at [vicepresident@tcfes.org](mailto:vicepresident@tcfes.org)



**Please visit our website!**

<http://www.tcfes.org>

**Send your comments and suggestions about our website to [president@tcfes.org](mailto:president@tcfes.org)**

**Questions or Comments?**

If you have any questions/comments, or if you would like something included in the monthly publication, please contact Etienne Bourgeois, P.E. at [secretary@tcfes.org](mailto:secretary@tcfes.org) or by telephone at (772) 692-4344.

For FES **JOB LISTINGS**, please visit <http://www.fleng.org/classifieds.cfm>

**2012 — 2013 Treasure Coast Chapter Board Members**

- Adam Schildmeier, P.E., President (772) 283-1413 [president@tcfes.org](mailto:president@tcfes.org)
- Sue Zheng, P.E., PhD, Vice President (772) 343-9787 [vicepresident@tcfes.org](mailto:vicepresident@tcfes.org)
- Dan Zrallack, P.E., Treasurer (772) 878-0072 [treasurer@tcfes.org](mailto:treasurer@tcfes.org)
- Etienne Bourgeois, P.E., Secretary (772) 692-4344 [secretary@tcfes.org](mailto:secretary@tcfes.org)
- Marcos Montes De Oca, P.E., State Director (863) 763-8999 [marcos@mdo-engineering.com](mailto:marcos@mdo-engineering.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

