



“Engineering a Better Tomorrow... Today”

QUOTE OF THE MONTH

“Leave nothing for tomorrow which can be done today” – Abraham Lincoln

MONTHLY NEWSLETTER

FLORIDA ENGINEERING SOCIETY

FES December 2005
BROWARD

IMPORTANT DATES

- **Monthly Meeting, Thursday, 12/8/05**

MONTHLY MEETING INFO

WHERE: Downtowner (Maxwell Room) 408 S. Andrews Avenue, Fort Lauderdale.

WHEN: Thursday, 12/8/05
6:30 P.M.

COST: \$ 40 Members
\$ 45 Non-Members
\$ 25 Government Members

RSVP: Peter Moore
(954) 730-0707

UPCOMING EVENTS

December—Holiday Party (12/8/05)

Golf Tournament
(rescheduled tentatively for April of '06)

January— Mr. Ken Ammon, SFWMD (1/12/06)

February— E-Week Banquet (2/18/06)
MathCounts(2/11/06)

March— Joint Meeting w/ Palm Beach Chapter
(tentative)

THIS MONTH'S MEETING

It's that time of the year again. Holiday Spirits, Good Friends, and Community Good Will. Please come out and join us for dinner on Thursday, December 8th at 6:30 pm at the Downtowner as FES, ASCE, SWE, and IEEE gather for our annual Holiday Meeting. In our continued tradition, we are urging everyone to bring an **unwrapped toy** for **“TOYS FOR TOTS”** to help the less fortunate children in our community. You can make a difference this Holiday Season! Please come out and join us celebrate the Holiday Cheer with your fellow engineers and at the same time help place a smile on a child's face.



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Come visit us on the web at <http://old.fleng.org/broward/>



PRESIDENT'S MESSAGE

Jeff Greenfield, Ph.D., P.E.

Broward Chapter President, 2005/2006

“Engineering a Better Tomorrow... Today”

It's hard for me to believe it's already Thanksgiving. It's unbelievable that we were all concerned a couple days ago and hoping that Tropical Depression Gamma would miss us. I am very happy, as I'm sure all of you are, that we will not be affected from this storm and that hurricane season will be officially over soon.

I am very grateful and appreciative that four legislators and our Executive Director, Frank Rudd, attended our Legislative Forum on November 15th at the Downtowner. Representatives Williams, Sands, Bucher, and Ryan attended our meeting and presented information on issues concerning insurance, affordable housing, a bill to allow the Florida Department of Environmental Protection the authority to rule on wetlands of 10 acres or less without waiting for the U.S. Army Corps of Engineers to rule (House Bill 759), getting our fair share out of the transportation dollars for Broward County, and rising medical costs. I hope the members who attended enjoyed our wine tasting and hors d'oeuvres.

I would also like to thank Bill Francis and our members who volunteered on Saturday, November 19, 2005 in support of our Broward County School Partnership. Jim Thompson, Oscar Bello, Sam Greenfield, and I helped judge this year's BEST robotics competition at Dillard High School. It's great to see the enthusiasm and teamwork while watching more than 15 local schools compete in a local robotics competition.

Please attend this year's Holiday Party on December 8th at the Downtowner. As is our custom, we have extended invitations to ASCE, IEEE, and SWE and I hope we have representatives from all these societies. Please bring a new, unwrapped gift for Toys for Tots.

Our theme this year is education and we are continuing our Broward County School Partnership with volunteering to judge the lego competition on December 10, 2005. Please contact Bill Francis if you are willing to serve as a judge. If you are interested in serving as a mentor for this year's Future City competition, please contact Rod Rodriguez at rrodriguez@c3ts.com. If you are interested in serving as a FES Mentor for an engineering student at FAU, please contact Olive Bailey of the Palm Beach Chapter at olive-b@lbfh.com. Also please remember that this year's Annual Summer Conference & Exposition will also feature an educational theme, “Engineering: It's All Elementary”, which will be held at The Breakers on July 27-29, 2006.

I hope to see you at one of our functions and I also hope you can further the education of a future engineer by participating in one of our Broward County School Partnership activities or serving as a mentor. Happy Holidays to you and your family and best wishes for 2006.



SCHOOL BOARD OF BROWARD COUNTY PARTNERSHIP

AGREEMENT CORNER

In May 2005, a partnership Agreement between the School Board of Broward County and the Florida Engineering Society, Broward Chapter was approved. Mr. James Thompson, PE, Past President, was responsible for negotiating this agreement with the School Board. The following lists the current activities (dates have been rescheduled due to Hurricane Wilma) between the FES Broward Chapter and the School Board of Broward County.

Judges for Competitions

Several FES Broward members served as judges for the BEST (Boosting Engineering, Science and Technology) Robotics competition on Saturday, November 19, 2005 at Dillard High School. This year's competition was entitled "Mission to Hubble". The objective of this year's competition was to design and build a remotely controlled device to replace the defective gyros/batteries from the Hubble Space Telescope and attach a boost motor, all within the 3-minute time limit. Congratulations to Stranahan High School's Platinum Dragon's Robotics team and their robot, Hubblicious! The engineering magnet school students walked away as the big winners for the third straight year. Their awards included: 1st Place – Robot Competition, 1st Place BEST Award (Overall), 1st Place – Display & Table Interviews, 1st Place – Engineering Notebook, and 2nd Place – Team Presentation. Congratulations are also extended to their teachers David Platt and James Payne. FES Broward has been a sponsor of Stranahan's engineering magnet program for several years.

FES Broward members are also needed to serve as judges (20 judges needed) for the FIRST (For Inspiration and Recognition of Science and Technology) Lego League Regional Competition which will be held on December 10, 2005 at Crystal Lake Middle School (Sample Road and I-95). This competition will include over 400 elementary and middle school students for a South Florida state qualifying tournament. The time for this competition is from 8 am to 5 pm. If you are interested in serving as a judge please contact Bill Francis at wfrancis@c3ts.com as soon as possible.

Discovering Engineering

FES Broward members are urged to sign up for presenting our Discovering Engineering presentation to elementary or middle school students. The Broward Chapter will furnish you with a presentation to use. We try to schedule presentations in February to coincide with National Engineers Week. Please sign up by contacting Jeff Greenfield at jeffrey-g@lbfh.com or Tery Glunt at tglunt@c3ts.com before January 1, 2006. This is a good way to make a difference and introduce young students to the value of an engineering career.

Speakers Bureau

The FES Broward Chapter has a large group of talented engineers who have expertise in a particular area. Please sign-up to speak at a magnet school and discuss your particular area of expertise. Please contact Bill Francis for more information.

Robotics or Lego Visitation

Please volunteer to visit a school participating in robotics or lego competition between the hours of 2 – 4 pm. Please contact Bill Francis for more information.



Chapter News – November 2005

MEMBERSHIP NEWS

VOTER VOICE – New member benefit

As we advance in our grassroots efforts many members have requested the need for a tool that allows them to communicate easily with their Legislators. FES now offers this to all members by means of the Voter Voice Legislative Action Center. With just a few clicks you can easily email or write a letter to your Legislator. As we get closer to the Legislative Session we will let you know what issues are pertinent to engineers. Take the time today to log-in and browse around. Go to <http://www.fleng.org/legaff.cfm> and click on the Voter Voice icon. From there you will follow the simple log-in instructions. Get to know your Legislators today! Questions? Email shobbs@fleng.org.

Time to Renew – Membership in FES

There is still time to renew your membership in FES. Contact Janice Faulk today to renew your membership dues. Janice can be reached at 850-224-7121 or janice@fleng.org.

CONTINUING EDUCATION OPPORTUNITIES

Interested in Earning Extra Compensation Using Your Engineering Expertise?

FES is looking for experienced engineers to author courses in the disciplines of mechanical, electrical, structural, fire prevention, and civil engineering. Our goal is to broaden the scope of on-line courses currently available to the engineering profession.

If you are interested in authoring a course, please contact Gale Field at gfield@fleng.org for more details.

FES Chapters Gear up for Local MATHCOUNTS Competitions

For most of us, fall is a great time to reflect on the year and make plans for an even greater upcoming year. This is especially true for our dedicated MATHCOUNTS volunteers as they begin preparations for Chapter MATHCOUNTS Competitions during the month of February. To follow are dates of the 2006 chapter competitions scheduled to date:

Broward Chapter – February 11 (tentative)

Big Bend Chapter – February 25

Calusa Chapter – February 11

Central Florida Chapter – February 25

Daytona Beach Chapter – February 4

Gulf Coast Chapter – February 18

North Central Chapter – February 10

Northeast Florida Chapter – February 18

Tampa Chapter – February 25

Treasure Coast Chapter – February 18

For an updated list or to find out the location of the competitions, please visit our event calendar at <http://www.fleng.org/calendar.cfm>

Wanted

A few good People!

The FES Constructed Environment is venturing into uncharted waters!

Our duties have been revised and clarified. The most important point is:

1. Study and make recommendations to the Board with respect to the constructed environment as defined by the Florida Building Code and the Florida Fire Code. In that regard, the committee shall prepare studies and make recommendations the Commission on Legislation and Government Relations on matters relating to the constructed environment that would be appropriate for the Society to adopt and promote.

There are many items of interest coming up in the next year for those Mechanical, Electrical and Structural engineers in the coming year.

1. The Florida Building Code begins its next revision cycle in January. The deadline for submitting revisions to the Florida Building Code is Dec.1. Go to www.floridabuilding.com if you want to make one.
2. The bill that Gov. Bush vetoed on Mold will be brought back again. We need to make sure that engineers are not short changed.
3. A bill will be introduced that will place punishment on building and zoning officials who make erroneous comments on plan reviews.
4. And much more.

So if you are involved in the building construction arena, get involved with the CEC and let's show that we are a force to be reckoned with.

Steve Bassett

7351 Plantation Rd.

Plantation, Fl 33317

(H) 954-584-0213

(W) 954-942-7703

(F) 954-584-8048

(C) 954-401-3243

NEW MEMBERSHIP



On behalf of the Broward Chapter of FES, we would like to welcome the following new members:

Samuel J. Greenfeld, EI; Citrix Systems; Sponsor – Jeffrey Greenfield, PE

Sowande Johnson, EI; Keith and Schnars; Transfer from Palm Beach

Eric Katz, AS; Calvin Giordano & Assoc; Sponsor – Jenna Chamberlain, EI

V. John Knezevich, PE; Knezevich Engineering; Reinstated

Rene Waterman, EI; Calvin Girodano & Assoc; Sponsor – Karl Kennedy, PE

Please be sure to welcome all new members to the Florida Engineering Society and our Chapter. We encourage you to make contact with the new members, invite them to the next chapter meeting, and in general make them feel welcome.

BROWARD CHAPTER OFFICERS

President: Jeff Greenfield (561) 684-3375

President-elect: Bill Francis (561) 487-3379

Secretary: David Bannett (954) 436-7000

Treasurer: Peter Moore (954) 730-0707

Past President: Jim Thompson (561) 684-6161

State Director: Tim O'Neil (954) 776-1731

COMMITTEE CHAIRPERSONS

Annual Meeting Steering Committee: Jeff Greenfield (561) 684-3375

Awards Committee: Stephen Bailey (954) 564-3111

Chapter and Bylaws Committee: Ed Hause (954) 776-1731

Commission Legislative & Govt. Relations : John Crouse (954) 519-1264

Communications Advisory Committee: Bill Francis (561) 487-3379

Conserv. Environ. Qual.: Lorenzo Fernandez (954) 519-1249

Constructed Environment Committee: TBD

Energy Committee: TBD

Ethical Practices Committee: Ben Chen (954) 730-0707

Professional Concerns Committee: Terry Glunt (954) 565-2113

Professional Development Committee: Terry Glunt (954) 565-2113

Webpage Committee: Anthony Russell (954) 757-1566

Leadership Advisory Committee: Steve Bailey (954) 564-3111

Math Counts: Safiya Goombs and Jullian Carty (954) 730-0707

Membership Development Committee: Jim Thompson (561) 684-6161

Scholarship Committee: Peter Moore (954) 730-0707

Student Professional Development Committee: TBD

FL. Prof. Engineers in Government: John Crouse (954) 519-1264

FL. Engineers in Construction: David Martinez (954) 979-0802

FL. Engineers in Education: Jeff Greenfield (561) 684-3375

FL. Institute of Consulting Engineers: Bob Miller (954) 436-7000

If you are interested in getting involved and chairing or joining any of the committees, please contact any of the chapter officers or Committee Chairpersons.