

# ENVISION

NEWSLETTER OF THE NORTHEAST CHAPTER OF THE FLORIDA ENGINEERING SOCIETY  
MAY 1997

## NEXT EVENT!!!! FES ANNUAL PICNIC Y'ALL COME

The officers and board want to extend a hearty welcome to all members, spouses & families to attend the chapter annual picnic. This will not be a joint meeting with any other group. You are encouraged to bring at least one prospect for new member. **We are anxious for the chapter to be meaningful for you**, not just a membership card in your wallet. Over the summer, plans will be formulated for engaging members in activities that will help enhance our profession and our community. **We will respect your input**, and the picnic will be a good time for casual conversation. We can enjoy each others company and talk about what activities you think would be good for the chapter, the profession and the community. This can be an opportunity for us to help carry out some of the **volunteer activities** that were initiated with the help of **Colin Powell in Philadelphia, late in April.**

Date: Tuesday, May 20, 1997  
Place: Jacksonville Golf & Country Club  
3985 Hunt Club Road  
Jacksonville, FL 32224  
904-223-5555 (FAX)223-9971  
Time: 5:30 PM Cocktails  
6:30 PM Buffet (Cook-out)  
Program: Talk, Relaxation and Get Acquainted  
Cost: \$15.00 Per Person  
Dress: Informal/casual

**For reservations: ask for Bonnie Murray at 904-731-7040, Taylor Engineering, Inc. Deadline for reservations is May 16, 1997.**

### EXECUTIVE COMMITTEE MEETING

**Note revised date!!** All members are welcome to attend an Executive Committee Meeting and see what makes the chapter go. The next meeting will be held June 4, 1997 at 4:30 P. M. in the offices of Law Engineering. Call president Ken Loeftgren at 396-5173 for more information.

### OTHER MAY EVENTS

If you have a chance to be there, the National **MATHCOUNTS** Tournament will be in Washington, D. C. May 8-11. For further information on that or to register for the **CONTINUING EDUCATION** opportunities that have been published, call FES/FICE Headquarters at 1-800-277-0086 or 904-224-7121.

### OFFICER INSTALLATION DINNER COMING JUNE 17, 1997 - PLEASE MARK IT DOWN

The Past Presidents Officer Installation Dinner will be held June 17, 1997. While reading this, is a good time to pause and make a note on your calendar. Bring your wife, date and/or perspective members. It is not a joint meeting with any other group. It will be at The Deerwood Club, 10239 Golf Club Drive. Cocktails will be at 6:30 P. M. (cash bar) and dinner will be at 7:30 P. M. The cost is \$24.00 per person. Reservations can be made by calling Bonnie Murray at 904-731-7040, Taylor Engineering, Inc. The deadline for reservations will be June 13, 1997.



**AUGUST IS GETTING CLOSER  
LET'S GO TO THE 1997 ANNUAL MEETING!!  
NOW IS THE TIME TO MAKE YOUR PLANS**

The August 14-16 date for the FES Annual Meeting is not far off. Be sure to ask for the FES rates when making reservations at the ORLANDO HYATT in KISSIMMEE, FL. The PHONE is 407-396-1234 & FAX is 407-396-5024.



**APRIL 22 ASCE/FES/SAME LUNCHEON**

Over 70 engineers enjoyed the monthly luncheon at River City Brewing Company Restaurant. The invocation was given by Ken Loeftgren followed by the pledge to the flag. Two ASCE engineers received their Life Membership Awards. They were Richard Claridge and Doyle Kennedy. These dedicated engineers are to be commended for their continuing involvement and were warmly acknowledged by those in attendance. Tony Forneris from Anderson Columbia Environmental told about the operation of their organization. As a matter of business, Ken Loeftgren presented the FES nominating committee report for Chapter officers for the coming year. Nominations from the floor were solicited. There being none, nominations were closed and the following were duly elected for the coming year. R. Bruce Taylor, Ph. D., P. E., President; Mike Lithman, P. E., President Elect; Bob Goehring, P. E., Secretary; John Ellis, II, P. E., Treasurer; and Scott Johnson, P. E., State Director. Past President is Ken Loeftgren, P. E. Installation will take place at the June dinner. The May 20, 1997 FES picnic was announced. Jeff Pruett was commended for his chapter role in supporting

MATHCOUNTS winner, Billy Hillegass, who is going to the final competition in Washington, D. C. THE FEATURED SPEAKER WAS MICHAEL SAYLOR, CEO of Bessent, Hammack & Ruckman and Chairman of the Jacksonville Planning Commission. His topic was "Negotiating Jacksonville's Development Approval Minefield After Growth Management". The commission is composed of nine members who are appointed by the mayor. These are unpaid positions filled by volunteers. The current commission includes three attorneys whom he said have been extremely helpful. These volunteer commissioners are scheduled to meet twice a month in sessions of 4 to 6 hours each. Their work is independent of the paid staff. Mr. Saylor commented that a great deal of their activity revolves around trying to negotiate integrating current conditions, needs and regulations with old regulations that have been grandfathered in. Understandably, conflicts of interest become involved. He cited several examples such as well established private areas being surrounded by conflicting land use. Additionally, the committee also becomes involved in evaluating compliance when tight codes, initial plans and final plans come into conflict. As may be expected, cost is always a problem in "getting the job done right", which gets into matters regarding resolution of unpopular taxing options. The meeting adjourned at 1:15 P. M.

**ENGINEER OF THE YEAR AWARDS**

If you would like to submit nominations for engineer of the year in your practice session, call president, Ken Loeftgren.

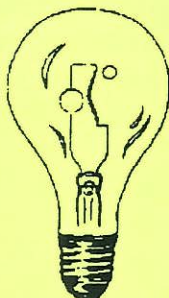
**GAIL FIELDS, PLEASE GET WELL SOON**

Gail Fields, membership and meetings coordinator at FES in Tallahassee, was seriously injured in an auto accident recently. At last report she was still in the hospital but in good spirits and continuing with as much of her FES work as she could while there. Let's help keep her spirits up by at least sending your thoughts, prayers and a get well card of appreciation.



## MEMBERSHIP DUES

Please check and make sure your membership dues are up-to-date.



## INVENTION CONVENTION

By Gray Edwards, P. E.

On April 30, 1997, Scott Johnson, Mark Mechling and Gray Edwards judged the INVENTION CONVENTION at Andrew Robinson Elementary, the Math and Science magnet elementary school. The INVENTION CONVENTION challenged the students to invent something new and useful. They were graded on the originality of the invention, quality of the working prototype and the sketches and write-ups supplied with the invention.

The INVENTION CONVENTION showed that our kids have real ingenuity. One first grade student got the idea for a computer terminal for the blind. The terminal keys are in Braille and the output is in letters and numbers. This would allow the blind to more easily communicate with those that are not visually impaired. Another first grader knew how easy it is to accidentally drop trash and food while walking to the trash can, so they designed a circular table with a hole in the middle to use as a trash receptacle. When everyone is done eating, the hole would be uncovered and the trash easily thrown away!

Other inventions include a water pillow for water beds. The pillow was a converted air mattress pillow filled with water that would provide the same benefits for your head and neck that the rest of your body enjoys while on a water bed. Another consisted of the

addition of pockets and velcro to a standard pillow case. The pockets will hold toys during a road trip and the velcro will hold board games during travel. When the playing is over, just turn the pillow over and take a nap!

The Winners of the Competition Were:

Kindergarten Madonna Shedrick The Water Triples  
First Grade Zach Handres Ankle Protectors  
(protects you from dog bites)  
Second Grade Julianne Escamilla Mailbox Light  
(you can check your mail in the dark)  
Third Grade Edwin Rivera Night Vision Glasses  
(for those wanting to read after bedtime)  
Fourth Grade Price DeHay Mail Buddy  
(a strobe light that indicates mail and  
resets after you retrieve the mail)  
Fifth Grade Sally Garrett The Comfort Key

Being a judge for these activities is truly a rewarding, informative and entertaining experience. Anyone wishing to make a reservation to be a judge for next year's INVENTION CONVENTION may call Gray Edwards at 904-221-9921. And in the meantime, I don't want to see you running down to your patent lawyer with these ideas!!

## GOT SOMETHING FOR THE NEWSLETTER??

The deadline for the next newsletter is May 30, 1997. If you have something that would be of interest to the other members or a topic you would like to have considered for inclusion, send it to: C. Daniel Holmes, P. E., 412 Chicopee CT., Jacksonville, FL 32259-4308 or call 904-287-9750. Call first to FAX.

## NORTHEAST CHAPTER OFFICERS

President	Ken Loeftgren	396-5173
President Elect	Dr. Bruce Taylor	731-7040
Secretary	Mike Lithman	880-0960
Treasurer	Bob Goehring	737-6611
State Director	Scott Johnson	636-6736
Past President	Gray Edwards	221-9921



# ENVISION

NEWSLETTER OF THE NORTHEAST CHAPTER OF THE FLORIDA ENGINEERING SOCIETY  
JUNE 1997

## OFFICER INSTALLATION DINNER SEE YOU THERE

This will not be a joint meeting with another group. As with the picnic, this is a family affair so you are encouraged to bring your wife, perspective members, or date. It will be another excellent time for an enjoyable evening.

Date: Tuesday, June 17, 1997  
Place: Deerwood Country Club  
10239 Golf Club Drive  
Jacksonville, FL  
Time: 6:30 PM Cocktails (cash bar)  
7:30 PM Dinner  
Program: Installation of Officers  
Jeff Arey, State president, FES  
Cost: \$24.00 per person

The deadline for reservations is Friday, June 13, 1997. Reservations can be made by calling Bonnie Murray, 904-731-7040 at Taylor Engineering.

### COMING EVENTS, SUMMER ETC.

Don't forget to make your reservations for the Annual Meeting in August - 14-16. If you have misplaced your information, call one of the officers.

This will be the last newsletter for the current fiscal year, which ends with the installation of new officers at the June 17, 1997 dinner. Your new officers and committees will not be resting, however! During the summer, the executive committee and other

committees will be meeting, making plans for the 1997-1998 year. These groups sincerely invite your input regarding any aspect of chapter activities that interests you. Program suggestions? Special project suggestions? Volunteer to help with something that interests you? Feel free to contact one of the present or next years officers. The chapter leadership plans to make a concerted effort to increase participation and to do something to benefit others/the community. We hope you can make yourself a part of this effort.

The next newsletter will probably be sent in August to announce the first fall meeting in September. Meetings usually have been on the third Tuesday of the month. Therefore, the next meeting and luncheon would be Tuesday, September 23, 1997. However, this could change, so be sure to check dates carefully when you get your copy. In like manner, the next Executive Committee meeting would be Wednesday, September 3, 1997. Locations not known at this time. If something of unexpected importance comes up during the summer, we'll try to get out a special edition.

### UNEXPECTED ROBOT DESCENDS AT ENGINEERS PICNIC!!!!

We hope you were able to attend the annual picnic last month. If not, you missed an exciting time. The event provided an excellent opportunity for member families to get acquainted and for spouses to trade stories about how engineers handle "problems" around the house. The best thing, however, was a demonstration of the Stanton College Preparatory School robot, the "Disposer", which our chapter helped sponsor and which was stopped cold in mid-competition due to an electrical malfunction. As reported in the Florida



Times Union, however, the real payoff was in the months of involvement for approximately 30 students getting ready for the event. The national competition was at Epcot Center. A young millionaire scientist from New Hampshire, Dean Kamen, was the events founder. Grady Webb-Wood, president of Stanton's Engineering and Robotics Club, said the students had to assign and do the required work themselves. This included raising money, attracting corporate sponsors, getting professional engineers to work with them, design the robot, make it work and prepare for the competition. Performance Engineer, J. T. Lovelace of Jacksonville Electric Authority, had a big hand in helping and introduced the students who demonstrated the robot. Webb-Wood said "We are turning from a manufacturing economy to a service economy. A lot of young folks are not going into the technical fields. This (event) is a way of getting them interested in that area, filling that vacuum and getting America back on track". Stanton placed about in the middle of the competition which included about 150 schools from across the country.

#### **MULTIPLE THANKS & CONGRATULATIONS**

On behalf of the chapter, Treasurer, Bob Goehring sends congratulations and thanks to those involved in the most recent FES Refresher Course.

CONGRATULATIONS to 27 engineers who completed the training and P. E. Refresher course this spring. Way to go!!

THANKS, sincerely, to the 12 instructors who participated. A big hand to the following for their efforts.

#### **Civil Review Course**

Mr. Mike Woodward  
Mr. Ron Woods  
Mr. Burnie O'Connor  
Dr. John Joeger  
Mr. Tom Leicht  
Mr. Joe Gurule  
Mr. Sumner Waitz

#### **Mechanical Review Course**

Mr. Nick Belloit  
Dr. Paul Hutchins  
Mr. George Fallon  
Dr. Bashir Sayar  
Me. Suzanne Levisaur

THANKS, also sincerely, to David Peigler who chaired the committee that was behind all of the activity necessary to make this effort such a success.

IN ADDITION, this project enabled the chapter to raise about \$3,300 above expenses, which will be used to help sponsor many worthy activities.

#### **CONTINUING CONGRATULATIONS TO DR. R. BRUCE TAYLOR**

Congratulations, acknowledgment and a synopsis of Bruce Taylor's accomplishments were in the last newsletter. However, an article and his picture in the May issue of the Florida Engineering Society Journal gives us another opportunity to express our pride in Bruce who will be president of our chapter next year.

#### **LEGISLATIVE AND REGULATORY ACTION**

##### **THE LEGISLATURE AND BILL H433**

If you have not already done so and if the bill is still pending when you receive this, please check your correspondence from Dennis Barton regarding this important legislation which involves our profession. Your input is important. The bill was unanimously adopted by the legislature May 2, 1997. However, concerns have been expressed that Governor Childs may veto the bill. Your input is important so you are urged to make your wishes known to the governors office as outlined in the recent letter from Dennis Barton. If you have misplaced your copy, feel free to call the newsletter (904-287-9750) or Dennis at 904-681-2548.

##### **NCARB'S ASSALT**

The Board of Directors of the National Council of Architectural Registration Boards has approved a



resolution that would change its model definition of the practice of architecture. It is the boldest move yet, NCARB is proposing to change its model definition to statutory circumscribe the definition of engineering by restricting the practice of engineering to "projects whose principal purpose is not human occupancy or habitation." If adopted its annual meeting, this NCARB resolution would have a chilling effect on the relationship between architects and engineers. NCARB's action comes at a time when the NSPE's Task Force on Inter professional Relations is beginning work on a white paper addressing the relationships between engineers and other design groups. The task force will identify current problems and concerns related to interprofessional relations and recommended possible solutions.

#### **MANUAL OF LICENSURE LAWS AVAILABLE**

The most comprehensive summary of licensure laws, *Engineering Licensure Laws: A State-By-State Summary & Analysis*, is now available. This new publication offers a state by state review of licensing provisions, including licensure board composition/appointments, definition of the practice of engineering, terminology and definitions, requirements for licensure, licensure by comity and reciprocity, license renewal (including Continuing Professional Competency), retired and inactive status, exemptions, board powers, certificates and seals, licensure fees, and business associations practice. It provides state and rule citations for each of the 55 jurisdictions, as well as current board contact information. Some portions are available individually. Up-dating is expected to be on a two year cycle. For further information or pricing, contact NSPE Member Services, 703-684-4811.

#### **HEADQUARTERS HIGHLIGHTS**

The National MATHCOUNTS finals were held in Washington, D. C., May 9. The winning team was from Massachusetts and the top mathlete was Zhihao "Howard" Liu.

Executive Director Russ Jones represented NSPE at the annual award ceremonies of the National Science

Foundation.

President Hinton, President Elect Ken Walch, P.E., and Russ Jones represented NSPE at the annual convention of engineering society leaders at the National Academy of Engineering.

NSPE sponsored a booth promoting membership and NSPE products at the Society of American Military Engineers national conference in Washington.

Dues deductibility Percentage. The Omnibus Budget Reconciliation Act of 1992 eliminated the deductibility of dues or other voluntary payments as a business expense to the extent those dues funds are used for "lobbying activity". Under the law, organizations such as NSPE are required to notify their members as to the percentage of your society dues which are not deductible.

#### **OTHER TOPICS FOR THE NEWSLETTER**

In some previous issues, we have solicited items for this publication. Such items need not be specifically engineering related but should be of interest to the lives of engineers. Subjects could be on a number of areas of interest such as health, budgeting, optimizing organization, office management, insurance etc. If you have something that you feel would be of interest to others or if there is a subject you would like to have covered in the next or future issues, call Dan Holmes at 904-287-9750, send to 412 Chicopee Ct., Jacksonville, FL 32259-4308 or call first for FAX'ing. Please allow enough time so it can be taken to the executive committee for board consideration. The following article on investing is the first article in this effort.

#### **THINKING ABOUT RETIREMENT? THINKING ABOUT INVESTING?**

The following is summarized from information offered by a FES candidate for membership, Frank Jordan, now doing financial planning (do you ever wonder about engineering alternatives?). The article was titled "Planning, Patience Often Rewarded in Ever-Changing Financial Circles".



Investor uncertainty caused by the rise and fall of financial markets is understandable. What's wrong with a stock market that's gained a rough average of 1,000 points a year in the three years 1995-into 1997? --rare is the investor who hasn't worried...how long can this go on. What's to do? ... Planning and Patience together with:

**Keep market performance  
in perspective--**

The Dow Jones is reported in points, not percentages. When the market is at 4,000, a one day drop of 80 points would be 2% of its total value. At 7,000, a one day drop of 80 points is just 1.14% of the market's value.

**Be realistic in your goals  
and your expectations --**

Develop an investment plan based on your objectives and be realistic about what it will take to get there. The 1995-into 1997 period of market performance has been extraordinary.

**Stick to your priorities--**

An investment professional often can provide valuable insight for establishing a long-term financial "blueprint" or personal financial plan.

**Stay "objective" in your financial  
thinking--**

What happens today may cause you to rethink your financial decisions. By separating your short and long term objectives and by viewing today's events with a broader perspective, you can minimize any short-term anxiety you feel.

Investors have always been concerned about what might happen. The good news? Being patient in investing has a notable track record of paying off in the long run. Know the reasons-- the objectives--behind your investing strategy and select investments that match.

The information provided is that of the author. Publication here does not constitute endorsement by the FES, the local chapter nor this newsletter. As always, do your homework and consult with qualified financial planners.

**NORTHEAST CHAPTER OFFICERS**

President	Ken Loefergen	396-5173
President Elect	Dr. Bruce Taylor	731-7040
Secretary	Mike Lithman	880-0960
Treasurer	Bob Goehring	287-1046
State Director	Scott Johnson	636-6736
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# ENVISION

NEWSLETTER OF THE NORTHEAST CHAPTER OF THE FLORIDA ENGINEERING SOCIETY  
EXTRA SUMMER EDITION - AUGUST 1997

## EXTRA EXTRA

### ANNOUNCING ENGINEER-IN-TRAINING REFRESHER COURSE FOR PROFESSIONAL ENGINEERS EXAM PART I - FALL 1997

**REGISTRATION DATE:** AUGUST 26, 1997

TIME: 5:00 P. M. TO 6:30 P. M.

LOCATION: JACKSONVILLE, FL (SEE TEXT BELOW)

**FEES:**

TUITION \$200.00

MANUALS \$71.90

**CLASSES BEGIN** SEPTEMBER 2, 1997

CLASS LOCATION: ENGLEWOOD HIGH SCHOOL, JACKSONVILLE, FL.

CLASS DAYS: TUESDAY AND THURSDAY

CLASS TIME: 6:30 P. M. TO 9:30 P. M.

APPLICATION FORMS: ATTACHED OR - CALL DAVID PEIGLER AT 904-367-8683

**PLEASE MAKE THIS REFRESHER  
COURSE INFORMATION KNOWN TO  
ALL THOSE YOU BELIEVE HAVE AN  
INTEREST IN FURTHERING THEIR  
PROFESSIONAL DEVELOPMENT AND  
ACHIEVING REGISTRATION.**

Registration will be held at the offices of Post, Buckley, Schuh & Jernigan, Inc. in the Reflections Building 7785 Baymeadows Way, Suite 104, Jacksonville FL 32256 on August 26, 1997 from 5:00 P. M. to 6:30 P. M. Please bring a completed application, tuition & book fees at that time. If you cannot make this registration date, mail or FAX (904-733-6621) or personally deliver your application to the attention of David Peigler at the Post,

Buckley, Schuh & Jernigan, Inc. address. Payment and delivery of books can be arranged for the first night of class. A schedule and map will be FAX'ed to you upon receipt of completed application. Payment must be made to the Florida Engineering Society. Purchase orders from local employers will also be accepted. Those registering after August 26, 1997 may be charged an additional \$15.00 fee. Contact David Peigler at 904-367-8663 if you need to make special arrangements for registration or if you have questions concerning the E. I. T. or P. E. Refresher courses. The refresher course is designed to give guidance and orientation in preparing for the State Board Examination for Professional Engineering Registration. State Board Examinations for Fall are scheduled for October 31 and November 1, 1997. This course is sponsored by the Northeast Chapter of the Florida Professional Engineering Society.



**PART I** of the course covers fundamental theory and is designed to aid with Part I of the State Board Exam. Classes for Part I will be held each Tuesday and Thursday night beginning Tuesday September 2, 1997. Other nights or Saturdays may be utilized where more classes per week are required. Classes will generally be held from 6:30 p. m. to 9:30 p. m. at Englewood High School, 4412 Barnes Road, Jacksonville, FL (north and east of I-95 and University Blvd.). Room B101 has been assigned.

**PART II** of the course, offered in the Spring, covers Principles and Practices of Engineering and is designed to aid with Part II of the State Board Exam.

**FEEL FREE TO MAKE EXTRA COPIES OF THE APPLICATION FORM IF NEEDED.**

**TENTATIVE SCHEDULE OF CLASSES FOR PART I  
FALL 1997  
ENGLEWOOD HIGH SCHOOL  
ROOM B101**

TUESDAY	SEPTEMBER 2	MATH 1
THURSDAY	SEPTEMBER 4	MATH 2
TUESDAY	SEPTEMBER 9	MATH 3
THURSDAY	SEPTEMBER 11	MATH 4
TUESDAY	SEPTEMBER 16	STATICS
THURSDAY	SEPTEMBER 18	MECHANICS AND MATERIALS
TUESDAY	SEPTEMBER 23	ENGINEERING ECONOMICS
THURSDAY	SEPTEMBER 25	DYNAMICS
TUESDAY	SEPTEMBER 30	FLUID DYNAMICS
THURSDAY	OCTOBER 2	FLUID DYNAMICS
TUESDAY	OCTOBER 7	THERMODYNAMICS
THURSDAY	OCTOBER 9	THERMODYNAMICS
TUESDAY	OCTOBER 14	ELECTRICITY I
THURSDAY	OCTOBER 16	CHEMISTRY
TUESDAY	OCTOBER 21	ELECTRICITY II
THURSDAY	OCTOBER 23	MATERIALS SCIENCE

ALL CLASSES ARE 6:30 PM - 9:30 PM EXCEPT AS NOTED

**TEST DATE 11/1/97**





**APPLICATION FORM  
ENGINEER-IN-TRAINING  
REVIEW COURSE - PART I  
FALL 1997**

1. NAME: \_\_\_\_\_

2. HOME ADDRESS: \_\_\_\_\_

\_\_\_\_\_ ZIP \_\_\_\_\_

3. HOME PHONE NO.: \_\_\_\_\_

4. COMPANY NAME: \_\_\_\_\_

5. WORK ADDRESS: \_\_\_\_\_

\_\_\_\_\_ ZIP \_\_\_\_\_

6. WORK PHONE NO.: \_\_\_\_\_ FAX NO. \_\_\_\_\_

7. FEES (PLEASE CHECK)

Engineer in Training Refresher	\$200.00 _____
Late Fee (if applicable)	15.00 _____

SUBTOTAL FEES \$ \_\_\_\_\_

EIT Reference Manual	\$51.95 _____
EIT Solutions Manual	\$19.95 _____

SUBTOTAL BOOKS \$ \_\_\_\_\_

TOTAL DUE \$ \_\_\_\_\_

8. DO YOU WANT A CERTIFICATE OF COMPLETION? YES \_\_\_\_\_ NO \_\_\_\_\_

REGISTERED BY \_\_\_\_\_ DATE \_\_\_\_\_

=====

FOR TREASURER:

Amount paid by check \$ \_\_\_\_\_

Amount paid by cash \$ \_\_\_\_\_

Amount paid by purchase order \$ \_\_\_\_\_

TOTAL AMOUNT PAID \$ \_\_\_\_\_



# ENVISION

NEWSLETTER OF THE NORTHEAST FLORIDA CHAPTER OF THE FLORIDA ENGINEERING SOCIETY  
SEPTEMBER 1997

## FIRST FALL LUNCHEON

The first fall luncheon was announced in the last issue of ENVISION for September 23, 1997 at the Ramada Inn Conference Center (corner of I-295 and San Jose Blvd). We hope you are able to attend. If you haven't made a reservation, try calling Brenda Middlebrook at 904-880-0960. There may still be time - and ---bring a potential member or a student!!! All non-FES members attending as a guest of a member will be treated to lunch, courtesy of the chapter.

## MATHCOUNTS NATIONWIDE JUNIOR HIGH MATH PROGRAM

The annual MATHCOUNTS Benefit Golf Tournament will be held on Monday November 10, 1997 at **JACKSONVILLE GOLF AND COUNTRY CLUB**. Lunch will be included and we will be giving away prizes including Longest Drive, Closest to the Pin, Low Net Score, Low Gross Score, etc. This event is the only fund raising mechanism for the 1998 MATHCOUNTS competition. The funds raised will allow us to host the local event (in which 20-30 schools participate annually), as well as paying for all expenses for the local winners to travel to Orlando to the state competition.

MATHCOUNTS is a great program. We urge you to support the student competitors by joining us on the golf course November 10, 1997. A registration form is included in this ENVISION. If you have any questions, please call Andy Cummins at 904-725-7971 or Terry Hull at 904-731-7040, this year's co-chairman.

MATHCOUNTS is a significant annual event sponsored by the National Society of Professional Engineers, the CNA Insurance Companies, The Dow Chemical Company, the General Motors Foundation, the Intel Foundation, Texas Instruments Incorporated, the National Council of Teachers of Mathematics, and the National Aeronautics and Space Administration. If you would like to be part of something worthwhile, this is a good place to start.

## EXECUTIVE COMMITTEE MEETING

The next regular meeting of the Executive Committee is scheduled for October 1, 1997 and will be held at the offices of LAW ENGINEERING AND ENVIRONMENTAL SERVICES, INC., 3901 Carmichael Ave., Jacksonville, FL, 32207. All members are welcome to attend. Normally, Executive Committee meetings will be held the first Wednesday of the month at that location. Further information can be obtained by calling president, Bruce Taylor.

## MAKING AN ACTIVE CHAPTER EVEN MORE ACTIVE

President Bruce Taylor, the officers and the Executive Committee are **SERIOUS ABOUT** our chapter generating **MEANINGFUL ACTIVITIES**. As one sign of that commitment, funds will be allocated to help make it happen. In addition, just a **LITTLE HELP** from each member can produce **GREAT RESULTS**. If you have interests or talents you would like to share, please call one of the officers or committee chairpersons listed in the following pages. Each chairperson will be seeking a co-chairperson. If you are called upon to help or take a position, please give it serious consideration. Using this opportunity to take part in a small way provides a good way to try out working with the chapter.



## SPONSORS NEEDED FOR STUDENTS

The chapter would appreciate funding to help defray the cost of luncheon meetings for students. Getting students involved with the engineering profession while they are still in college is a good way for them to develop the interest they will need for their respective practice after entering the business world. The luncheons provide an excellent opportunity for them to meet and associate with others in the professions they are studying for. Getting to know these bright young people can be an enlightening experience in itself. If you would like to help defray the cost for a student or group of students, please call the chapter treasurer - John Ellis, II at 904-880-0960 or FAX 904-880-0970. As little as one student for one meeting would be appreciated.

## HIGHLIGHTS FROM THE STATE FES BOARD OF DIRECTORS MEETING IN ORLANDO, AUGUST 14, 1997

The FES Board of Directors met on August 14, 1997, reporting on 25 items. Our representative has selected comments on several items as follows. If you would like information on other subjects, more information on the summary below, or a more complete report, please call Scott Johnson, 904-636-6736 or FAX 904-636-0075.

### Professional Development:

Professional Policy No. 26B, "Continuing Professional Development", was amended and the policy renamed "Continuing Professional Competency". This SUPPORTS MANDATORY continuing professional development for P.E. license renewal consistent with the NCEES model.

### Proposed Meeting Dates:

Meeting dates for the FES Executive Committee, the FES Board of Directors and the Annual Meeting were determined.

### Florida Engineers Management Corporation (FEMC):

The board was informed that HB 433, creating the Florida Engineers Management Corporation which will provide administrative, investigative and prosecutorial functions of the State Board of Professional Engineers, requires that the contract for FEMC to provide those services will be agreed to by

the SBPE and the Department of Business and Professional Regulation by March 1, 1998 and that the services will begin by July 1, 1998. (see note following)

### Re Architects and Engineers:

The board requested that names of engineers or firms that design buildings be forwarded to headquarters to determine their interest in testifying at the State Board of Professional Engineers Hearing on the Building Design Rule.

Note: On August 21 the State Board of Professional Engineers named Eugene N. Bechamps, P.E.; Charles E. Langbein, Jr., P. E.; William H. Palm, P.E.; Benjamin G. Watts, P.E.; and Charles H. Proctor, Ph.D., P.E. to the newly formed Florida Engineers Management Corporation. Bechamps, Langbein, Palm and Watts are members of the Florida Engineering Society. Two public members will be named by the Secretary of the Department of Business and Professional Regulation at a later date.

## SOME EDUCATIONAL OPPORTUNITIES

### September 26-27 and October 2-3

1997 FICE/FDOT Load and Resistance Factor for Bridge Design Seminar, Tampa

October 7-9 FICE/FDOT Project Management Seminar, Adam's Mark Hotel, Daytona Beach

December 11-12 Stormwater Management Designers Course, Orlando

Additional schedules will be in future issues. For more information on continuing educational opportunities, call FES in Tallahassee 1-800-277-0086.

## 1997-1998 FES NORTHEAST CHAPTER CHAPTER OFFICERS

President	R. Bruce Taylor	W 904-731-7040 F 904-731-9847
President-Elect	Mike Lithman	W 904-880-0960 F 904-880-0970
Secretary	Bob Goehring	H 904-287-1046 F 904-287-1047
Treasurer	John Ellis, II	W 904-880-0960 F 904-880-0970
State Director	Scott Johnson	W 904-636-6736 F 904-636-0075



## 1997-1998 COMMITTEES

Activities	Mark Mechling	W 904-880-0960 F 904-880-0970
Awards	Allan Boree	W 904-279-2312
	Chair	F 904-279-2491
	Suzanne LeViseur	W 904-246-0081
	Co-Chair	F 904-246-9679
Communications		
	Dan Holmes	H 904-287-9750 F (Call)
Conservation and Environmental Quality		
	Vince Seibold	W 904-448-4330 F 904-448-4366
Directory	Don Ditzenberger	H 904-743-6946
EIT/PE Refresher Course	David Peigler	W 904-367-8683 F 904-733-6621
Ethical Practice	Bill Van Riper	W 904-264-1377 F 904-287-8469
Mathcounts	Andy Cummings	W 904-725-7971
	Chair	
	Terry Hull	W 904-731-7040
	Co-Chair	F 904-731-9847
Membership	Gray Edwards	W 904-221-9921 F 904-221-9921
Proj't CREATE	James Pearce	W 904-279-7200 F 904-279-7230
Scholarship	John Ellis, II	W 904-880-0960 F 904-880-0970
Student Professional Development		
	Alan Hartenstein	W 904-724-3546 F 904-724-9463

## PRACTICE SECTION LIAISON

Fla. Prof. Engineers in Government		
	George Knecht	W 904-632-4426 904-632-4457
Fla. Engineers in Construction		
	Keith Kirwan	W 904-786-1120 F 904-783-2970
Fla. Engineers in Education		
	Ed Bertnolli	W 904-620-2970 F 904-620-2975
Fla. Engineers in Industry		
	Gene Tonn	W 904-798-5662 F 904-798-5700
Fla. Institute of Consulting Engineers		
	Frank Wilson	W 904-398-8636 F 904-398-2968

## OTHER COMMITTEE MEMBERS

James Horton	W 904-396-5173 F 904-396-5703
Jeff Arey	W 904-398-4005 F 904-398-4511

## STUDENT CHAPTER REPRESENTATIVES

Sally C. Garson	W 904-232-1042 H 904-998-8379 F 904-232-1213
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## COMING EVENTS

FES/ASCE/SAME luncheon meetings this year will all be at the Ramada Inn Conference Center in Mandarin. Lunch cost to society members will be \$12.00. Registration will begin at 11:30 AM with lunch at 12:00. For reservations, call Brenda Middlebrook at 904-880-0960.

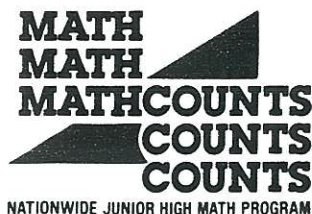
### DATE PROGRAM

October 21	Doing Business With the Federal Government
November 18	TBA
January 13	TBA
February 20	Engineers week Kick-off Luncheon
March 17	TBA
April 21	TBA

Other FES Social Functions for 1997-1998 have been scheduled as follows. Details about cost, reservations etc. will be in future issues.

December 3	Dinner - Christmas Party Deerwood Country Club
Feb. 22-28	Engineers Week
May 19	Picnic Dinner
June 16	Officer Installation Dinner





# 1997 MATHCOUNTS GOLF TOURNAMENT

at  
**JACKSONVILLE GOLF & COUNTRY CLUB**  
3985 HUNT CLUB ROAD

on  
**MONDAY, NOVEMBER 10, 1997**  
**4-MAN CAPTAIN'S CHOICE**  
**12 PM LUNCH - 12:45 PM SHOTGUN START**

## *SPONSOR INFORMATION*

NAME \_\_\_\_\_

COMPANY NAME/ADDRESS \_\_\_\_\_

PHONE/FAX \_\_\_\_\_

## *LEVEL OF SPONSORSHIP*

\_\_\_\_\_ **GOLD SPONSOR (\$475)**  
4 Player Participants  
4 Buffet Lunches/Drinks  
On-Course Recognition  
Recognition at Chapter Competition  
Sponsor's Plaque

\_\_\_\_\_ **SILVER SPONSOR (\$275)**  
2 Player Participants  
2 Buffet Lunches/Drinks  
On-Course Recognition  
Recognition at Chapter Competition  
Sponsor's Plaque

\_\_\_\_\_ **BRONZE SPONSOR (\$150)**  
On-Course recognition  
Recognition at Chapter Competition  
Sponsor's Plaque

\_\_\_\_\_ **PLAYER ONLY (\$100 per person)**  
1 Player Participants  
1 Buffet Lunches/Drinks  
(Indicate number of players below)

1. Player Name \_\_\_\_\_ Handicap \_\_\_\_\_

2. Player Name \_\_\_\_\_ Handicap \_\_\_\_\_

3. Player Name \_\_\_\_\_ Handicap \_\_\_\_\_

4. Player Name \_\_\_\_\_ Handicap \_\_\_\_\_

\_\_\_\_\_  
Sponsor's Authorized Signature

\_\_\_\_\_  
Date

Checks should be made payable to the "Florida Engineering Foundation" and mailed with this registration form prior to November 1, 1997 to:

Andy Cummings  
MATHCOUNTS CHAIRMAN  
1132 West Catalina Road  
Jacksonville, Florida 32216

Phone 725-7971  
Fax 731-9847



# ENVISION

NEWSLETTER OF THE NORTHEAST CHAPTER OF THE FLORIDA ENGINEERING SOCIETY  
SEPTEMBER 4, 1997

## FIRST FALL LUNCHEON

It's the start of a new year. We hope you can attend the first monthly luncheon outlined below and will make a resolution to continue that routine for the other luncheons throughout the year. Taking part can help boost your career through the interaction that takes place with fellow engineers.

Date: September 23, 1997  
Location: Ramada Inn Mandarin  
I-295 & San Jose Boulevard \*

Time: 11:30 AM Registration  
12:00 PM Lunch

Menu: Fruit Cup  
Chicken a L'Orange  
Baked Potato  
Green Bean Almondine  
Chocolate Cake

Speaker: Alan Mosley  
Jacksonville Electric Authority  
Utility Improvements

Cost: \$12.00 per person  
Host: FES

For reservations, call Mike Lithman - 880-0960.  
Deadline is noon, Friday, September 19, 1997.

\* The Ramada Inn is on the northeast corner.

## EXECUTIVE COMMITTEE MEETING

The next regular meeting of the Executive Committee is scheduled for September 10, 1997 and will be held at the offices of LAW ENGINEERING AND ENVIRONMENTAL SERVICES, INC., 3901 Carmichael Ave., Jacksonville, FL, 32207. All members are welcome to attend. The major focus of this meeting will be to set the agenda and formulate plans for the year. For further information, call president, Bruce Taylor.

## COMING EVENTS

Following is the schedule for the regular joint FES/ASCE/SAME luncheon meetings for this year. They have been committed to the Ramada Inn Conference Center in Mandarin. Lunch cost to society members will be \$12.00. Registration will begin at 11:30 AM with lunch at 12:00.

### DATE PROGRAM

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Government

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Kick-off Luncheon

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## REPORT FROM PLANNING MEETING

The Executive Committee and the officers of the chapter met on August 27, 1997 to initiate plans for the coming year. The schedules on the first page are a result. Watch for more of the details and possible modifications as the year unfolds. However, that is just the beginning!! In addition to the regular outreach activities such as Mathcounts, Engineers Week, Engineer-In-Training Refresher Course, Certification of Continued Professional Development, etc, your chapter is making plans to become involved in additional civic activities and setting achievable worthwhile goals.

### MEMBERSHIP:

Florida Engineering Society (FES) is the only "Professional" society which impacts on how engineers are recognized. The committee would like to stress the importance of not only being a member of FES, but of being an **ACTIVE MEMBER**. You are encouraged not only to become a member, but also to **MAINTAIN** your membership. By becoming active in the society, you can have a positive impact on the activities and you can gain valuable experience by working together with fellow engineers in a variety of engineering disciplines.

### ACTIVITIES:

The Activities Committee is considering a wide variety of worthwhile projects for the chapter to become involved in such as - Volunteer activities (Habijax, and River Clean-up, etc.), social outings etc. If there are things that would be of special interest to you or special activities that you would like to become involved in, please call Mark Mechling, Activities Committee, 904-880-0960, one of the officers or Dan Holmes at 904-287-9750.

### STUDENT MEMBERS:

Sally C. Garson, Jacksonville University, has agreed to be Student Chapter Representative for the Northeast Florida Chapter of FES. In an attempt to involve more student engineers, the committee hopes to work out a means of defraying the cost of luncheons for student engineers.

### COMMITTEES:

The next issue of this newsletter will list all committees and their chairpersons. While most of the positions are filled, each chairperson has been requested to find a co-chairperson. If you are asked to help, please consider it an honor and agree to take part.

## CONGRATULATIONS FOR CCPD

Congratulations to:

Scott A. Wild, P.E.  
David D. Boree, P.E.  
James T. Hill, P.E.  
Nicholas D. Langston, Jr., P.E.

The Northeast Florida Chapter of FES is proud to congratulate these four engineers upon successful renewal of their Certificates of Continued Professional Development. Their effort and determination to keep their professional knowledge current sets an outstanding example for others in northeast Florida. Recognition of their achievement is planned for the luncheon meeting scheduled for September 23, 1997 at the Ramada Inn, Mandarin.

## RECOMMENDATIONS NEEDED FOR "YOUNG ENGINEER OF THE YEAR" AWARD

The chapter is in process of soliciting recommendations for "Young Engineer of the Year". This is an excellent opportunity to recognize young engineers who exhibit qualities that are a credit to the profession. Forms for candidates need to be submitted to the Awards Committee Chairman by November 15, 1997. To obtain forms, contact one of the chapter officers.

## SPECIAL ARTICLES FOR THE NEWSLETTER

Several times last year, articles on a variety of subjects were included. If you have something that you believe would be of interest to other engineers, contact the communications committee so the board can consider it for publication.