

ENVISION

ENGINEERS JOINT LUNCHEON

Date: Tuesday, January 20, 2004
Time: 11:30 - 12:00 noon – Registration/Social
12:00 – 12:30 PM Lunch
12:30 - 1:15 PM Program
Location: Ramada Inn - Mandarin*
1-295 & State Road 13 Exit
Topic: The uses of Visualization for Planning and Design
Speaker: Chuck Hixon
Bergmann Associates, Rochester, NY
Cost: \$14.00 per person (\$16.00 for walkups)*
Menu: Chicken Marsala with vegetable medley and potatoes au gratin
Host: FES

Reservations: Please phone Bonnie Wooldard at 904-731-7040 by 12 noon Thursday, January 15, 2004. Checks should be made payable to "FES" and will be collected at the reservation table. Sorry, "No Shows" need to be billed for the cost.

*The chapter currently underwrites the cost for engineering student luncheons. Members are encouraged to bring such guests or other potential members. Be sure to provide the names of guests when making reservations for complimentary luncheons.

ABOUT THE PROGRAM

This educational seminar walks planners and designers through the various tools that visualization can provide. The presentation shows how visualization serves as a tool for marketing, design review, interference detection, construction sequencing, and public review and approval. It explains the pros and cons of each tool as well as typical production schedules and costs. It also explains how visualization serves as a tool when striving for a creative approach to planning and design issues and shows how visualization can help save time, money, and build consensus on many projects.



PRESIDENT'S MESSAGE

Thanks go out this month to Don Ditzenberger, PE (retired – Fellow), Nadeem Zebouni, PE, of Structures International, and Ed Mueller, PE (retired – Fellow), for their work in putting together a new scholarship for local engineering students. Ed, who is an officer in the Metropolitan Lions Club of Jacksonville, approached Don about the Lions Club teaming with FES to provide a scholarship to a deserving local college student in the name of the late congressman Charles Bennett. Don presented the idea to the local FES Executive Committee with language for a proposed agreement with the Lions Club. Nadeem was instrumental in finalizing the agreement that establishes an annual \$1000 joint scholarship (\$500 from each organization). This agreement, which has been approved by the FES Executive Committee and the Lions Club, establishes the annual Charles E. Bennett Memorial Scholarship. Thank you gentlemen for your efforts to recognize our former congressman and promote engineering studies locally.

Thanks also to Andy Cummings, PE, of Connelly & Wicker, for his determined completion of a web delivery system for our ENVISION publication. Andy lead the effort to make this goal a reality. All members with email address have received the December and January editions of the ENVISION both by email and regular mail. (Note: Beginning in February, those with email will receive only the email version unless they request a hard copy. All others will continue to receive hard copies.) Thanks to Andy, our chapter will save more than \$1000 this fiscal year, and double that in successive years. Thanks Andy!

Mark Mechling, PE
FES NE Chapter President

IMPORTANT NOTICE REGARDING ENVISION

One of our goals for this year as a Chapter is to utilize Internet technology for distribution of information to members. We take a big step in that direction with the electronic distribution of ENVISION. For the past two months we have sent both hard and electronic versions of this publication. Beginning with the February ENVISION, those with e-mail will receive only the electronic version unless they request a hard copy. Those without e-mail will continue to receive hard copies as before. Thank you for your support of these changes. Please contact Andy Cummings at 904-249-7995 with any questions about distribution.

ENGINEERS WEEK NEWS DEADLINE

The first event for Engineers Week will be on Monday, February 16, 2004. The next issue of ENVISION (February 2004) will include all information for Engineers Week. The deadline for items to go in the February issue is Tuesday, January 20, 2004.

VOTE ON CHANGE TO CHAPTER BYLAWS REGARDING DUES

Northeast Florida Chapter FES members currently pay \$10.00 annual Chapter dues. At the November Executive Committee meeting, the Executive Committee approved a proposed revision to the Chapter Bylaws which would amend the chapter dues structure. The revision would allow the Chapter to approve dues increases to the limit set by the State FES. The Executive Committee also approved a proposal to change Chapter dues from \$10.00 to \$15.00 per year. If approved, this proposed change will take place effective with the October 2004 dues statement. If passed, there are a number of worthwhile activities and goals that will benefit from the increased local dues. A determination will be made on an annual basis for the best use for the Chapter funds.

Our Chapter Charter requires that the proposed Bylaws revision and dues increase be approved by a majority of members present at a regular chapter meeting. A vote on these changes will be conducted at the January membership luncheon. Please make plans to attend and participate in the vote.

FES NORTHEAST CHAPTER EXECUTIVE COMMITTEE MEETING

Next Executive Committee Meeting -

Date/Time: January 14, 2003, 11:45 AM-1:25

Location: Prosser Hallock (13901 Sutton Park Drive South, Suite 200 – just north of JTB and east of Hodges Blvd.)

The focus of the meeting will be status/planning for upcoming events and activities. All Committee

Chairs or members that have items for the agenda should forward them to Mark Mechling by January 7. A lunch of sandwich, chips and drink will be available for \$7.00. Feel free to bring your own bag lunch if you prefer. Please RSVP to Cathy Hall at Ellis & Associates (880-0960) by January 12 if you would like lunch provided.

Future Executive Comm. Meetings Dates are 2nd Wednesday

February 11, 2004

March 10, 2004

April 14, 2004

May 12, 2004

June 9, 2004

ENGINEERS WEEK PLANNING

The Engineers Week Planning Committee continues to meet. The outline of activities follows.

February 1, 2003 Deadline for advertising for The Business Journal Advertising supplement

February 16, 2003 Golf outing

February 20, 2003 Kick off lunch at UNF

February 20, 2003 The Business Journal advertising supplement publication date

February 26, 2003 ASHE/APWA Joint Luncheon at River City Brewing Company

February 28, 2003 Banquet at San Jose Country Club

For more information, call Ken Loefgren at 904-743-5440

MEMBERSHIP

Don't Forget to Renew Your Membership for 2003-2004. Also, consider giving a membership as a gift to your favorite engineer or engineering staff. There is time for the 2003-2004 year, but you need to act now. There are currently 4,075 members in Florida.

PROJECT MANAGEMENT SEMINAR

The Northeast Florida Chapter of the Florida Engineering Society is sponsoring a local seminar entitled, **“Effective Tools and Practical Techniques for Better Project Management.”** The seminar will be held at the **UNF University Center**, 12000 Alumni Drive, Jacksonville, Florida, on **Tuesday, March 2, 2004, from 1:00 p.m. to 5:00 p.m.** The instructor, **Kevin J. Cooley, P.E., M.B.A.**, of PBO Solutions, shares his knowledge and hands-on experience derived from his 30-year career as a project team participant and manager, an operational manager supervising project managers, and a corporate director of project management responsible for PM policies, procedures and training/development for a 2,500+ employee national A/E/C consulting firm. Real-world project examples are used to illustrate and explain how highly effective PM practices and procedures are applied on projects. This session helps technical professionals who manage and participate in projects and those who supervise them to be more effective and successful. Each seminar attendee will earn a total of **4 PDHs**. The cost of the seminar is just \$125. The seminar agenda is presented below.

Time	Length	Topic	Time	Length	Topic
1:00 pm	10 minutes	Introduction	3:15 pm	15 minutes	Breakout Session #2 Outputs
		▪ Seminar Overview			▪ Project Work Plan Outline
		▪ Ground Rules			▪ Kick-Off Meeting Agenda
		▪ Choosing Partners			▪ PIMS Report Information
		▪ Setup Breakout Session #1			
	20 minutes	Breakout Session #1 – Partner Research		25 minutes	Monitoring/Controlling Projects-Hard Skills
		▪ “Who” Is Your Partner			▪ Scope
		▪ “Why” Is Your Partner Here (Goals/Expectations)			▪ Budget
		▪ “What’s Unique About Your Partner (1 thing)		▪ Schedule	
		▪ 5 Top Project Success Factors		35 minutes	Breakout Session #3-Partner/Self Style Assess.
		▪ 5 Top Project Failure Causes			▪ Choosing Traits of Partner
	30 minutes	Partner Introductions and Top 5 Lists			▪ Choosing Own Traits
		▪ 2 minutes per person			▪ Comparing Self Assess. to Partner Assess.
	30 minutes	Project Planning		25 minutes	▪ Comparing Own Traits to Partner’s
		▪ Doing Your Homework to Understand the Project			▪ Scoring the Matches-I.D. the Winner
		▪ Scoping			Managing Project Teams
		▪ Budgeting			▪ Role of PM (QB/Leader)
		30 minutes		▪ Scheduling	5 minutes
Breakout Session #2-Planning Tools	▪ Meetings				
▪ Setup Groups and Explain Each “Project”	Course Evaluation Form Completion				
▪ Group 1-Project Work Plan Outline	5:00 pm		Adjourn		
▪ Group 2 – Kick-Off Meeting Agenda					
▪ Group 3 – PIMS Report Information					
Break					
3:00 pm	15 min.				

To register for the seminar, please fill out the form below and return it with a check for \$125.00 (made payable to “Florida Engineering Society”) to Mike Woodward at MACTEC Engineering and Consulting, Inc., 3901 Carmichael Avenue, Jacksonville, FL 32207. Call Mike at (904) 396-5173, or email him at mbwoodward@mactec.com, if you have any questions.

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FES Project Management Seminar; Tuesday, March 2, 2004; UNF University Center; 1:00-5:00 p.m.

Please Print

NAME:			PHONE:		
COMPANY:			FAX:		
ADDRESS:			EMAIL:		
CITY:	STATE:	ZIP:			

HOCKEY GAME

See next page for registration form for the ENGINEERS WEEK HOCKEY GAME to be held Tuesday, February 24, 2004 at the new Jacksonville Memorial Arena. Ticket prices are \$10.00 (without food) and \$17.00 (with food). For details and further information, contact Mike Hill at Ellis & Associates (904-880-0960). Registration and payment must be received by Monday, February 16, 2004. Send checks and registration forms to Christal Jeane at Ellis & Associates, 7064 Davis Creek Road, Jacksonville, FL 32256. Tickets will be mailed the week prior to the game.

LOCAL UPCOMING ACTIVITIES

Following are the currently scheduled future activities

<u>Date</u>	<u>Host</u>
January 20, 2004	FES joint luncheon
February 16-28, 2004 Engineers Week	
February 16, 2004	– first event
February 20	ASCE Kickoff luncheon
February 23	Golf tournament
February 24	SAME luncheon and tour
February 28	Engineer's Week Banquet
February 28	MATHCOUNTS Competition
March 2, 2004	Project Management Seminar
March 16, 2004	SAME joint luncheon
Spring	PE refresher
April 20, 2004	ASCE joint luncheon
May – TBA	SAME Jax. Suns Baseball
May 18, 2004	FES joint luncheon
June 10, 2004	FES Installation dinner
June 15, 2004	SAME luncheon - Readiness
July - TBA	SAME Installation dinner
August 14, 2004	SAME picnic- Blanding

NOTICE

Mayor Peyton has been scheduled to be our speaker at the Tuesday, May 18, 2004 Engineers Joint Luncheon. Be sure to put this on your calendars.

COORDINATION MEETING

All individuals planning to assist in the 21st Mathcounts competition are encouraged to attend a coordination meeting at the office of Prosser Hallock scheduled on Friday, January 23, 2004. The meeting will begin at 11:45 am and end by 1:15 PM. Lunch will be served. Please RSVP Monica Starr at 904-739-3655 to reserve a lunch.

The Northeast Chapter's competition will be held on Saturday, February 28, 2004 at the Episcopal High School of Jacksonville located at 4455 Atlantic Boulevard. Mathcounts strives to increase students' motivation in math and science through coaching programs and series of challenging competitions. The Mathcounts program in Northeast Florida has positively impacted the mathematics education of our Middle School (6th, 7th, and 8th grade) students.

You have an opportunity to make a difference!

John P. McEvoy, JR., P.E.
Mathcounts Coordinator

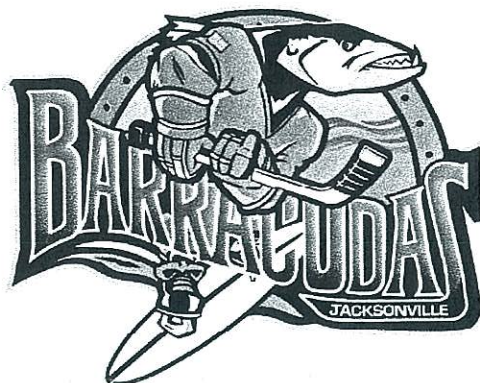
STUDENT CHAPTER SEEKS SPONSORS

The University of North Florida (UNF) student chapter of FES is currently looking for companies to sponsor scholarships. These scholarships will be awarded to current UNF students enrolled as engineering majors. The UNF student chapter of FES is the largest engineering club on campus. They are taking a proactive role in creating student involvement with the parent chapter of FES and professional engineers. If your company is interested in offering a scholarship, please contact Jonas Goode, Student President (goodejonas@aol.com) or Mike Jackson, Ph.D., PE, Faculty Advisor (njackson@unf.edu)

FOUR PDH's FOR ATTENDING PROJECT MANAGEMENT SEMINAR

Four PDH's can be earned by attending the local seminar that is being sponsored by our chapter of FES. It is entitled "Effective Tools and Practical Techniques for Better Project Management". See preceding page for details and registration form.

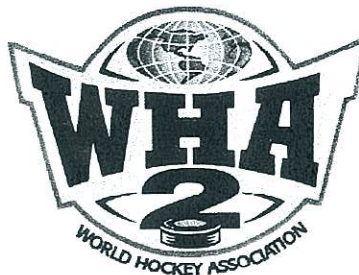
Florida Engineering Society
Bring your FAMILY and FRIENDS to the game and
GET HOOKED.



ENGINEERS WEEK CELEBRATION
TUESDAY, FEBRUARY 24, 2004
7:05 PM
IN THE NEW

JACKSONVILLE VETERANS MEMORIAL ARENA
Block Seats Reserved Exclusively for Engineers, Families, and Friends

\$17 PER PERSON
Includes Reserved Lower Bowl Seat,
Hotdog, Bucket of Popcorn, and
24 oz Soft Drink
OR
\$10.00 PER PERSON
Reserved Lower Bowl Seat,
No food



\$5
ARENA PARKING

Name: _____ Email: _____

Address: _____ City, State, Zip: _____

Day Phone: _____ Night Phone: _____ Fax: _____

Number of Tickets: _____ x \$17 = _____

Number of Tickets (no food) _____ x \$ 10 = _____

Grand Total = _____

ANY QUESTIONS?
CALL MIKE HILL AT 880.0960

All checks must be received by February 16, 2004. Send check made out to "FES" to:
Christal Jeane at Ellis & Associates, 7064 Davis Creek Rd., Jacksonville, FL 32256

2003-2004 NORTHEAST CHAPTER

CHAPTER OFFICERS:

President: Mark Mechling, PE W: 904-880-0960
 e: mmehling@ellisassoc.com F: 904-880-0970
 Pres. Elect: Terry Hull, PE W: 904-731-7040
 e: thull@taylorengeering.com F: 904-731-9847
 Treasurer: Andy Cummings, PE W: 904-249-7995
 e: acummings@cweng.com F: 904-241-1126
 Secretary: Doug Davis, PE W: 904-739-3655
 e: DDavis@ProsserHallock.com F: 904-730-3413
 State Dir.: Bob Kosoy, PE W: 904-247-5834
 e: rkosoy@ci.atlantic-beach.fl.us F: 904-247-5843
 FES TALLAHASSEE OFFICE P: 800-277-0086
 P: 850-224-7121

COMMITTEE CHAIRPERSONS

Activities:

Mike Hill, PE W: 904-880-0960
 e: m.hill@ellisassoc.com F: 904-880-0970

Annual Meeting Steering Committee:

Terry Hull, PE W: 904-731-7040
 e: thull@taylorengeering.com F: 904-731-9847

Awards:

Mike Lithman, PE W: 904-880-0960
 e: m.lithman@ellisassoc.com F: 904-880-0970

Communications:

Dan Holmes, PE H: 904-287-9750
 e: myrtdan@aol.com F: (Phone First)

Commission on Legislative and Government Relations:

Mike Hersey, PE W: 904-733-9119
 e: mhersey@CH2M.com F: 904-777-4262

Conservation and Environmental Quality:

Neil Aikenhead, PE W: 904-642-7654
 e: aik@consultaik.com F: 904-642-7658

Directory/Historian:

Don Ditezenberger, PE H: 904-743-6946

Ethical Practices:

Doug Ayres, PE W: 904-390-2207
 e: adayarsd@educationcentral.org F: 904-390-2989

PE/EI Review Course:

Bruce Myhre, PE W: 904-367-8683
 e: BEMyhre@pbsj.com F: 904-733-6621

Engineers Week:

Ken Loefgren, PE, RRC W: 904-743-5440
 e: kloefgren@stafford-usa.com F: 904-743-5477

Local Seminar:

Mike Woodward, PE W: 904-396-5173
 e: mbwoodward@mactec.com F: 904-396-5703

Mathcounts:

Doug Davis, PE W: 904-739-3655
 e: DDavis@ProsserHallock.com F: 904-730-3413
 John McEvoy, Jr., PE H: 904-280-4678
 e: jmcevoy@attbi.com F: (Phone first)

Membership:

Dan Hiden, PE W: 904-396-1334
 e: hiden@pbworld.com F: 904-396-1339

Scholarship:

John Ellis, II, PE W: 904-880-0960
 e: j.ellis@ellisassoc.com F: 904-880-0970

Student Professional Development:

Dan Blaydes, PE W: 904-880-0960
 e: d.blaydes@ellisassoc.com F: 904-880-0970

Professional Concerns Committee:

Scott Johnson, PE W: 904-721-1888
 e: Scott@SJCEngineers.com F: 904-721-8464

Professional Development Committee:

Ernie Frey, PE W: 904-981-0018
 e: ern_frey@bellsouth.net F: 904-981-0143

Nominating Committee:

Don Ditzenberger, PE H: 904-743-6946

FLORIDA PRACTICE SECTION LIAISON:

Professional Engineers in Government:

Bob Kosoy, PE W: 904-247-5834
 e: rkosoy@ci.atlantic-beach.fl.us F: 904-147-5843

Engineers in Education:

Joe Campbell, PE W: 904-620-1390
 e: jlcampbe@unf.edu F: 904-620-1391

Engineers in Industry:

Gene Tonn, PE W: 904-714-7166
 e: gtonn@smurfit.com F: 904-714-7182

Engineers in Construction:

David Boree, PE W: 904-38-2696
 e: dboree@wwgmc.com F: 904-389-4901

Institute of Consulting Engineers:

Frank Wilson, II, PE W: 904-398-8636
 e: frank@fwilson.com F: 904-398-2968

STUDENT CHAPTER REPRESENTATIVE:

University of North Florida

Dr. Mike Jackson, Ph.D., PE W: 904-620-1847
 e: njackson@unf.edu F: 904-620-1391

Jonas Goode, Student President H: 904-764-3372
 e: goodejonas@aol.com C: 904-514-6701

Jacksonville University

Dr. Bashir A. Sayar, Ph.D. W: 904-256-7325
 e: bsayar@ju.edu F: 904-256-7358
 Laura Clark, Student President P: 904-396-5084
 e: nixelrose18@yahoo.com F: 904-256-7358

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ENVISION

ENGINEERS' WEEK SPECIAL EXPANDED ISSUE SEE PAGE 4 FOR SUMMARY OF EVENTS

PRESIDENT'S MESSAGE

February marks the annual celebration of National Engineers' Week. We will honor our profession with a variety of activities before and during the week of February 20-28. It is a time for all of us to celebrate and to give thanks for the talents we have that allow us to make a career of engineering—and for the great lives that we have been afforded by the engineering profession. It is also a time to take stock and ask ourselves how our actions further our profession and the society that we live in.

To those who have been active in FES at the chapter, state, and national level—Thank You! You are the lifeblood of our society. I encourage you to remain involved by stepping into a role that you have not previously held.

For those who have been active in our profession, mainly at your place of employment, I ask you to make a step forward this year and become more involved. We need your input and involvement.

How can you help? There are many ways to get involved. On the local level, we have need for engineers as committee members, committee chairs, and chapter officers. There are a wide variety of committees, one of which would benefit from your talents as an engineer.

On a broader level, we have a need for engineers to be active in the political process. The engineering profession has been, and continues to be, under attack from outside interests that would weaken our profession. This year, there is pending legislation which would weaken the title of "engineer." Also, budget problems in Tallahassee bring a high likelihood that state trust funds for transportation and environmental clean up will be raided. There is also a proposed constitutional amendment with the benign name of "Hometown Democracy" which, if approved by voters, would require that all local changes to comprehensive plans go before local voters (instead of local agencies). The apparent goal of this amendment's supporters is to effectively stop new

development. All of these issues will effect our profession, some dramatically, if they are approved. I encourage you to make your voice heard. Contact your representative or senator. Go to Tallahassee on April 14 and 15 and participate in the FES/FICE Legislative Forum and meet with legislators. Get involved.

Beyond our professional concerns, we need engineers to look after our communities by serving as appointed and elected officials. Those who set policy and regulation need the input of Professional Engineers to make intelligent decisions about the future direction of society. Our Engineer's Creed directs us to dedicate our professional knowledge and skills to the advancement and betterment of human welfare. I challenge you to take a step in that direction this Engineer's Week! You can make a difference!

Mark Mechling, PE
FES NE Chapter President

HOCKEY GAME

The ENGINEERS WEEK HOCKEY GAME is to be held Tuesday, February 24, 2004 at the new Jacksonville Memorial Arena. Ticket prices are \$10 (without food) and \$17 (with food). For details and further information, contact Mike Hill at Ellis & Associates (904-880-0960). Registration and payment must be received by Monday, February 16, 2004. Send checks and registration forms to Christal Jeane at Ellis & Associates, 7064 Davis Creek Road, Jacksonville, FL 32256. Tickets will be mailed the week prior to the game.

See page 11 of this newsletter for the registration form

FES NORTHEAST CHAPTER EXECUTIVE COMMITTEE MEETING

Next Executive Committee Meeting -

Date/Time: February 11, 2004, 11:45 AM-1:25

Location: Prosser Hallock (13901 Sutton Park Drive South, Suite 200 – just north of JTB and east of Hodges Blvd.)

The focus of the meeting will be status/planning for upcoming events and activities. All Committee Chairs or members that have items for the agenda should forward them to Mark Mechling by February 6, 2004. A lunch of sandwich, chips and drink will be available for \$7.00. Feel free to bring your own bag lunch if you prefer. Please RSVP to Cathy Hall at Ellis & Associates (904-880-0960) by February 9, 2004 if you plan to attend the meeting.

Future Executive Comm. Meetings Dates are 2nd Wednesday

March 10, 2004, April 14, 2004, May 12, 2004

CHAPTER HONORS DR. DONALD FARSHING WITH DONATION OF \$1,000

The chapter will donate \$1,000 toward equipping and enhancing the new Science and Engineering building and its Florida Engineering Education Delivery System (FEEDS) facility in honor of Dr. Donald Farshing, UNF Associate Professor and FEEDS Center Director. **SEE BIO. PAGE 3.**

ITEMS OF INTEREST CONCERNING THE UNIVERSITY OF NORTH FLORIDA

1. Engineering faculty will move into the new Science and Engineering Building at UNF during the week of 2-6 February 2004. The building will be formally dedicated at 10:00a on Monday, 23 February 2004. **MEMBERS ARE ENCOURAGED TO ATTEND.**
2. The new president of UNF will be formally installed at 10:00a on Friday, 20 February 2004.
3. The Kick-Off Luncheon for the 2004 Engineering Week will be held at the UNF University Center at 12:00n, Friday, 20 February 2004.
4. The 2004 JETS/TEAMS student competitions will be held at UNF on Saturday, 28 February 2004. This scholastic competition is between local high schools science and engineering teams.
5. Professor David Billington, the Gordon Y.S. Wu Professor of Engineering at Princeton University and renown scholar in the areas of concrete structures and thin concrete shells, will be hosted at a reception and dinner, where he will give a talk and presentation, on Thursday, 11 March 2004, at UNF. Professor Billington is coming to Jacksonville as the guest of Mr. Preston Haskell.

MATHCOUNTS VOLUNTEER COORDINATION MEETING

The Northeast Chapter's competition will be held on Saturday, February 28, 2004 at the Episcopal High School of Jacksonville located at 4455 Atlantic Boulevard. Mathcounts strives to increase students' motivation in math and science through coaching programs and series of challenging competitions. The Mathcounts program in Northeast Florida has positively impacted the mathematics education of our Middle School (6th, 7th, and 8th grade) students.

John P. McEvoy, JR., P.E.

Mathcounts Coordinator

FOUR PDH's FOR ATTENDING PROJECT MANAGEMENT SEMINAR

Four PDH's can be earned by attending the local seminar that is being sponsored by our chapter of FES. It is entitled "Effective Tools and Practical Techniques for Better Project Management". **See page 5 for details and registration form.**

LOCAL UPCOMING ACTIVITIES

Following are the currently scheduled future activities

<u>Date</u>	<u>Host</u>
February 12, 2004	Register for P E Refresher Course
February 16-28, 2004	Engineers Week
February 16, 2004	Golf tournament
February 20	ASCE Kickoff luncheon
February 24	SAME luncheon
February 24	Hockey Game
February 24	Refresher Course begins
February 28	Engineer's Week Banquet
February 28	MATHCOUNTS Competition
March 2, 2004	Project Management Seminar
March 16, 2004	SAME joint luncheon
April 16, 2004	P. E. State Board Exam.
April 20, 2004	ASCE joint luncheon
May – TBA	SAME Jax. Suns Baseball
May 18, 2004	FES joint luncheon
June 9, 2004	FES Installation dinner (*)
June 15, 2004	SAME luncheon - Readiness
July - TBA	SAME Installation dinner
August 14, 2004	SAME picnic- Blanding

* Please note: The FES installatoin dinner has been changed from June 10 to June 9, 2004.

Donald David Farshing, Ph.D.
Associate Professor and Director of
the UNF FEEDS Center

Dr. Farshing has made a significant contribution to engineering education in the First Coast community. In full historical perspective, he well may be the person most responsible for UNF's recent emergence as a general-purpose engineering university. Since 1984, Dr. Farshing has been the one constant player in the continuing drive to establish engineering degree programs at UNF. His leadership, perseverance, and optimism certainly sustained much of that effort. Dr. Farshing formed UNF's Engineering Advisory Council (EAC), which was so crucial in allowing practicing engineers in the community to articulate their strong support for UNF engineering degree programs. Don is still the prime coordinator of the EAC.

Don helped to bring engineering courses to UNF long before UNF offered its own engineering degrees. Through UNF's Florida Engineering Education Delivery System (FEEDS) Center, Don was key to the remote delivery of graduate engineering courses and degree programs to Jacksonville area practicing professionals since 1984. Don's FEEDS leadership is statewide. Since 1997, he has served as chair of the FEEDS State Operating Committee, in which he leads all of Florida's FEEDS universities in strategic planning and evaluation.

Dr. Farshing's many other contributions are extensive and impossible to completely describe. As UNF has implemented its

engineering programs, Don has provided quite, effective, often behind-the-scenes, initiative and friendly prodding. He has served as chair of numerous engineering faculty search committees (It may be difficult for the non-government worker to fully appreciate the time and effort required to conduct and conclude such a search under the mazes of attendant rules, regulations, and oversights applied in filling a state position). He is leader in planning UNF's new Science and Engineering Building (now under construction). That building will revolutionize the University's engineering and applied sciences programs.

The new Science and Engineering Building will have a full FEEDS facility that will provide opportunities for on-campus production. In honor of Don Farshing, the university is accepting donations to permanently name the FEEDS Production Laboratory and FEEDS Suite. At age 78 Dr. Farshing continues to lead the way in the development of a quality engineering college at UNF. All funds donated will support equipping and enhancing the engineering building.



ENGINEERS WEEK SUMMARY OF EVENTS

Thursday, Feb 19

11:30 – 1:00 PM APWA / ASHE Joint Luncheon
Location: River City Brewing Company
Speaker: Rick Ferrin, P.E., Executive Director, Jacksonville Port Authority
Topic: Port Overview

Tuesday, Feb 24

11:30 – 1:15 PM SAME Luncheon
Speakers: Capt. William C McKerral CEC, USN
Topic: Military Engineers In Iraq
POC: Danny Villafane 542-5571
Location: Ramada Inn-Mandarin
Cost: \$14.00, \$16.00 without a reservation

Tuesday, Feb 24

11:30 – 1:15 PM IEEE Luncheon
Speaker: NASA
Topic: NASA
POC: Darrell Wilson 387-9333

Wednesday, Feb 25

12:00 – 1:30PM AREMA (Railroad Engineers) Luncheon
Speaker: TBD
POC: Bill Riehl 260-4608
Location: Ramada Inn-Mandarin
Cost: \$18.00 (Approximate)

Thursday, Feb 26

5:30 – 8:00 PM ACI Dinner Meeting
Program: Early-Age Concrete Property Testing
POC: Joe Watson 791-4596
Location: Haskell Building
Cost: \$25.00 PP

Thursday, Feb 26

12:00 – 1:130 PM SMPS Luncheon
Speaker: FDOT Program
POC: John Irvin 445-8435
Location: San Jose Country Club

Saturday, Feb 28

9:00 To 3:00 Mathcounts
Location: Episcopal High School
POC: Doug Davis 739-3655
John McEvoy 280-4678

PROJECT MANAGEMENT SEMINAR

The Northeast Florida Chapter of the Florida Engineering Society is sponsoring a local seminar entitled, "Effective Tools and Practical Techniques for Better Project Management." The seminar will be held at the UNF University Center, 12000 Alumni Drive, Jacksonville, Florida, on Tuesday, March 2, 2004, from 1:00 p.m. to 5:00 p.m. The instructor, Kevin J. Cooley, P.E., M.B.A., of PBO Solutions, shares his knowledge and hands-on experience derived from his 30-year career as a project team participant and manager, an operational manager supervising project managers, and a corporate director of project management responsible for PM policies, procedures and training/development for a 2,500+ employee national A/E/C consulting firm. Real-world project examples are used to illustrate and explain how highly effective PM practices and procedures are applied on projects. This session helps technical professionals who manage and participate in projects and those who supervise them to be more effective and successful. Each seminar attendee will earn a total of 4 PDHs. The cost of the seminar is just \$125. Seating is limited to 25 attendees. The seminar agenda is presented below.

Time	Length	Topic	Time	Length	Topic
1:00 pm	10 minutes	Introduction	3:15 pm	15 minutes	Breakout Session #2 Outputs
		▪ Seminar Overview			▪ Project Work Plan Outline
		▪ Ground Rules			▪ Kick-Off Meeting Agenda
		▪ Choosing Partners			▪ PIMS Report Information
		▪ Setup Breakout Session #1		25 minutes	Monitoring/Controlling Projects-Hard Skills
	20 minutes	Breakout Session #1 – Partner Research			▪ Scope
		▪ "Who" Is Your Partner			▪ Budget
		▪ "Why" Is Your Partner Here (Goals/Expectations)			▪ Schedule
		▪ "What's Unique About Your Partner (1 thing)		35 minutes	Breakout Session #3-Partner/Self Style Assess.
		▪ 5 Top Project Success Factors			▪ Choosing Traits of Partner
		▪ 5 Top Project Failure Causes			▪ Choosing Own Traits
	30 minutes	Partner Introductions and Top 5 Lists			▪ Comparing Self Assess to Partner Assess.
	30 minutes	▪ 2 minutes per person			▪ Comparing Own Traits to Partner's
		Project Planning			▪ Scoring the Matches-I.D. the Winner
		▪ Doing Your Homework to Understand the Project		25 minutes	Managing Project Teams
		▪ Scoping			▪ Role of PM (QB/Leader)
3:00 pm	30 minutes	▪ Budgeting			▪ Delegation
		▪ Scheduling			▪ Meetings
	30 minutes	Breakout Session #2-Planning Tools		5 minutes	Course Evaluation Form Completion
		▪ Setup Groups and Explain Each "Project"		5:00 pm	Adjourn
		▪ Group 1-Project Work Plan Outline			
		▪ Group 2 – Kick-Off Meeting Agenda			
		▪ Group 3 – PIMS Report Information			
	15 min.	Break			

To register for the seminar, please fill out the form below and return it with a check for \$125.00 (made payable to "Florida Engineering Society") to Mike Woodward at MACTEC Engineering and Consulting, Inc., 3901 Carmichael Avenue, Jacksonville, FL 32207. Call Mike at (904) 396-5173, or email him at mbwoodward@mactec.com, if you have any questions.

✂-----

FES Project Management Seminar; Tuesday, March 2, 2004; UNF University Center; 1:00-5:00 p.m.

Please Print

NAME:			PHONE:
COMPANY:			FAX:
ADDRESS:			EMAIL:
CITY:	STATE:	ZIP:	

When: Monday, February 16, 2004 Registration: 11:30 AM
Shotgun start: 12:30 PM

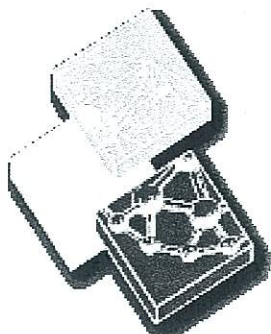
Why: Support Engineers Week College Scholarships

☐ Hole Sponsorship (\$100.00) Includes on-course recognition

Team 2
Name _____ Handicap _____, Partner _____, Handicap _____

Phone: _____, Fax: _____, Email: _____

Phone: (904) 249-7995
FAX: (904) 241-1126
Email: acummings@cwieg.com



NATIONAL ENGINEERS WEEK 2004
FEBRUARY 22-28

Join us for lunch at the
**2004 ENGINEERS WEEK KICK-OFF
LUNCHEON**

Date: Friday, February 20, 2004
Registration begins: 11:30 am
Program/Lunch begins: Noon

Location: University Center
University of North Florida
12000 Alumni Drive (near Kernan Blvd.)

Speaker: Dr. Kevin Kochersberger
Rochester Institute of Technology
(Pilot of the Wright Brothers' airplane replica commemorating the
100th anniversary of flight)

Menu: Garden Chicken Breast (stuffed with grilled vegetables)
Salad, French Silk Pie, Iced Tea and Coffee

Cost: \$ 18.00/person

**** Advanced Registration Required (no shows will be invoiced) ****

* Fax/Email this form by **February 16** to:

Robert Jackson, Kimley-Horn and Associates, Inc.
Fax No.: 904-998-2197, Ph. No.: 904-998-2084
robert.jackson@kimley-horn.com

REGISTRATION FORM

NAME(S): _____

COMPANY: _____

PH: _____ FAX: _____

TOTAL # OF RESERVATIONS: _____ TOTAL AMOUNT DUE: \$ _____

Checks should be made payable to the American Society of Civil Engineers.

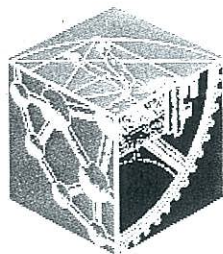
Checks/Cash will be accepted at the door.

Engineers Week Kick-off Luncheon

Amount Received: _____

Date _____

c/o Robert Jackson
Kimley-Horn and Associates, Inc.
8711 Perimeter Park Blvd., Suite 4
Jacksonville, FL 32216



NATIONAL ENGINEERS WEEK 2004
FEBRUARY 22-28

Join us for dinner at the ENGINEERS WEEK 2004 AWARDS BANQUET

Date: *Saturday, February 28, 2004*

5:30 Social Hour

6:30 Dinner

7:15 Annual Awards

7:45 Speaker

Location: *The Hilton Jacksonville
1201 Riverplace Boulevard*

Dress: *Evening Attire*

Speaker: *Clovis Prince, President & CEO
Prince & Associates Consulting, Inc.*

Cost: *\$ 40.00/person, Cash Bar*

*** Advance Registration Required (no shows will be invoiced) **
Tables seat eight (8) persons and can be reserved per group.*

* Fax/Email this form by **February 18** to: *Annie Clayton, Mercedes Homes*
Fax No.: 538-0055, Ph. No.: 538-0102
aclayton@merhomes.com

REGISTRATION FORM

NAMES: _____ **DINNER CHOICES: (circle one)** _____ **DESSERT CHOICES: (circle one)** _____

_____ *Chicken Gallery OR Prime Rib* _____ *Two Timing Cheesecake OR Chocolate Truffle cake*

_____ *Chicken Gallery OR Prime Rib* _____ *Two Timing Cheesecake OR Chocolate Truffle cake*

_____ *Chicken Gallery OR Prime Rib* _____ *Two Timing Cheesecake OR Chocolate Truffle cake*

Guests who made no choice selections will receive the Chicken Gallery and Two Timing Cheesecake.

COMPANY: _____

PHONE: _____ **FAX:** _____

TOTAL # OF RESERVATIONS: _____ **TOTAL AMOUNT DUE: \$** _____

Checks should be made payable to the FLORIDA ENGINEERING SOCIETY

Checks will be accepted at the door or mailed with this form prior to Feb. 18 to:

Amount Received: _____

Date _____

Engineers Week Awards Banquet
*c/o Annie Clayton
Mercedes Homes.
10475 Fortune Parkway, Suite 201
Jacksonville, FL 32256*



**Florida
Engineering
Society - Northeast Chapter**

**PROFESSIONAL ENGINEERING REFRESHER COURSE
PART II - SPRING 2004**

Part I of the Engineering Refresher Course, the Engineer-in-Training Refresher, offered in the fall, covers fundamental theory and is designed to aid with Part I of the State Board Exam. Part II, the Professional Engineering Refresher Course, offered in the spring, covers Principles and Practices of Engineering, and is designed to aid with Part II of the State Board Exam.

Part II of the 2004 Annual Professional Engineer's Refresher Course for Civil Engineers is scheduled to begin late February. The Spring State Board P.E. Exam is scheduled for April 16, 2004. You must have already completed your application process to sit for the April exam. For application forms and additional information on requirements for professional registration contact the Florida Board of Professional Engineers at (850) 521-0500. www.fleng.org

Classes for the Civil Engineering Refresher Course will be held on Tuesday and Thursday nights from 6:00 p.m. to 9:00 p.m. beginning February 24, 2004. Other nights and times may be utilized where more classes or more class hours per week are required. Classes will be held at Englewood High School, 4412

Barnes Road, Jacksonville, Florida (north and east of I-95 and University Blvd.).

Applications for the Civil Engineering Refresher Course should be mailed or delivered to the office of PBS&J Inc., 7785 Baymeadows Way, Suite 202, Jacksonville, Florida, 32256. Please complete the accompanying application and delivered by February 12, 2004. Applications may also be faxed to (904) 733-6621.

The tuition fee for the Civil Engineering Refresher Course is \$200.00. Reference Manuals and Solutions Manuals for the Civil P.E. Refreshers Course will be available for ordering at the time of registration and will be delivered the first night of classes. The books will be delivered the first night of classes. All checks are to be made payable to the **Florida Engineering Society**. Purchase orders from local employers will also be accepted. No credit cards please. Anyone registering after February 12, 2004, may be charged an additional \$15.00 late fee. Contact Bruce Myhre, P.E. ext. 228 (bemyhre@pbsj.com) at (904) 367-8683 if you have questions concerning the E.I. or P.E. Refresher Courses.

**REFRESHER COURSE
REGISTRATION FORM**

NAME _____

HOME ADDRESS _____

CITY _____ STATE _____ ZIP _____

HOME PHONE _____ HOME FAX _____

COMPANY _____

WORK ADDRESS _____

CITY _____ STATE _____ ZIP _____

WORK PHONE _____ WORK FAX _____

EMAIL ADDRESS(ES) _____

FEES (please check)

BOOKS (please check)

<input type="checkbox"/>	Civil Engineering Refresher Tuition	\$ 200.00	<input type="checkbox"/>	Civil Eng. Reference Manual, 9 th Edition	\$ 129.95
<input type="checkbox"/>	Late Fee (if applicable)	\$ 15.00	<input type="checkbox"/>	Civil Eng. Practice Problems, 9 th Edition	\$ 43.95
<input type="checkbox"/>			<input type="checkbox"/>	Civil Eng. Sample Examination, 5 th Edition	\$33.95
<input type="checkbox"/>			<input type="checkbox"/>	101 Solved Problems Civil Eng. Problems, 4 th Edition	\$49.95
<input type="checkbox"/>	TOTAL FEES	\$	<input type="checkbox"/>	TOTAL BOOKS	\$
TOTAL BOOKS & FEES \$					

CIVIL ENGINEERING PE REVIEW COURSE

**SCHEDULE OF CLASSES
 SPRING 2004
 ENGLEWOOD HIGH SCHOOL
 6:00 pm - 9:00 pm
 (DRAFT)**

(CLASS TOPICS ARE SUBJECT TO CHANGE)

DAY	DATE	TOPIC	INSTRUCTOR
TUESDAY	FEBRUARY 24	CLASS 1	
THURSDAY	FEBRUARY 26	CLASS 2	
TUESDAY	MARCH 2	CLASS 3	
THURSDAY	MARCH 4	CLASS 4	
TUESDAY	MARCH 9	CLASS 5	
THURSDAY	MARCH 11	CLASS 6	
TUESDAY	MARCH 16	SPRING BREAK	
THURSDAY	MARCH 18	SPRING BREAK	
TUESDAY	MARCH 23	CLASS 7	
THURSDAY	MARCH 25	CLASS 8	
TUESDAY	MARCH 30	CLASS 9	
THURSDAY	APRIL 1	CLASS 10	
TUESDAY	APRIL 6	CLASS 11	
THURSDAY	APRIL 8	CLASS 12	
FRIDAY	APRIL 16	PE Exam	

Topics for the course included: STRUCTURAL DESIGN (Steel), STRUCTURAL DESIGN (Concrete), WATER QUALITY & DISTRIBUTION, WASTES, BOD & SEWAGE, SOILS & FOUNDATIONS, PAVEMENT & CONCRETE MIX DESIGN, HYDROLOGY, DRAINAGE & HYDRAULICS, HORIZONTAL & VERTICAL CURVES, and TRANSPORTATION ENGINEERING.

Florida Engineering Society
Bring your FAMILY and FRIENDS to the game and
GET HOOKED.



ENGINEERS WEEK CELEBRATION
TUESDAY, FEBRUARY 24, 2004
7:05 PM

IN THE NEW

JACKSONVILLE VETERANS MEMORIAL ARENA

Block Seats Reserved Exclusively for Engineers, Families, and Friends

\$17 PER PERSON

Includes Reserved Lower Bowl Seat,
Hotdog, Bucket of Popcorn, and
24 oz Soft Drink

OR

\$10.00 PER PERSON

Reserved Lower Bowl Seat,
No food



\$5

ARENA PARKING

Name: _____ Email: _____

Address: _____ City, State, Zip: _____

Day Phone: _____ Night Phone: _____ Fax: _____

Number of Tickets: _____ x \$17 = _____

Number of Tickets (no food) _____ x \$10 = _____

Grand Total = _____

ANY QUESTIONS?
CALL MIKE HILL AT 880.0960

**All checks must be received by February 16, 2004. Send check made out to "FES" to:
Christal Jeane at Ellis & Associates, 7064 Davis Creek Rd., Jacksonville. FL 32256**

2003-2004 NORTHEAST CHAPTER

CHAPTER OFFICERS:

President: Mark Mechling, PE W: 904-880-0960
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 Pres. Elect: Terry Hull, PE W: 904-731-7040
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 e: acummings@cweng.com F: 904-241-1126
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 e: DDavis@ProsserHallock.com F: 904-730-3413
 State Dir.: Bob Kosoy, PE W: 904-360-5975
 e: Rkosoy@buildbetterjax.com F: 904-360-5995
 FES TALLAHASSEE OFFICE P: 800-277-0086
 F: 850-222-4349

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Activities:
 Mike Hill, PE W: 904-880-0960
 e: m.hill@ellisassoc.com F: 904-880-0970

Annual Meeting Steering Committee:
 Terry Hull, PE W: 904-731-7040
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 e: myrtdan@aol.com F: (Phone First)

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 e: mhersey@CH2M.com F: 904-777-4262

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 e: aik@consultaik.com F: 904-642-7658

Directory/Historian:
 Don Ditezenberger, PE H: 904-743-6946

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 e: adayarsd@educationcentral.org F: 904-390-2989

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 Bruce Myhre, PE W: 904-367-8683
 e: BEMyhre@pbsj.com F: 904-733-6621

Engineers Week:
 Ken Loeftgren, PE, RRC W: 904-743-5440
 e: kloeftgren@stafford-usa.com F: 904-743-5477

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 Mike Woodward, PE W: 904-396-5173
 e: mbwoodward@mactec.com F: 904-396-5703

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Doug Davis, PE W: 904-739-3655
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 John McEvoy, Jr., PE H: 904-280-4678
 e: jmcevoy@attbi.com F: (Phone first)

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Scholarship:

John Ellis, II, PE

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Ernie Frey, PE W: 904-981-0018
 e: ern_frey@bellsouth.net F: 904-981-0143

Nominating Committee:

Don Ditzenberger, PE H: 904-743-6946

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 e: Rkosoy@buildbetterjax.com F: 904-360-5995

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 e: jlcampbe@unf.edu F: 904-620-1391

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 e: gtonn@smurfit.com F: 904-714-7182

Engineers in Construction:

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 e: dboree@wwgmc.com F: 904-389-4901

Institute of Consulting Engineers:

Frank Wilson, II, PE W: 904-398-8636
 e: frank@fwilson.com F: 904-398-2968

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 Jonas Goode, Student President H: 904-764-3372
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Jacksonville University

Dr. Bashir A. Sayar, Ph.D. W: 904-256-7325
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