



BLACKLINES

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

Volume 32, Issue 01

June 2018

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Upcoming Calendar of Events



June 23	9th Annual FES Treasure Coast Fishing Tournament
July 26	Treasure Coast FES Officer Installation
August 1-4	2018 FES/ACEC-FL Annual Conference

PRESIDENT'S MESSAGE

Greetings Treasure Coast Members:

I hope everyone has been having a good year so far; it has been flying by and I can't believe it's already half over. Since the last issue of Blacklines, we've had some successful events and stayed busy as a chapter. From our unique opportunity to have a guest speaker from NASA discuss the engineering challenges presented by space, to the well-attended afternoon tour of the Crosstown Bridge project, the annual Golf Tournament, and all leading up to last month's Scholarship Dinner.

Last month the Chapter had the honor to pass out four (4) \$1,000 scholarships to some inspiring future engineers. It's reassuring talking to the scholarship recipients and being encouraged for our profession; and I urge all to attend next year's dinner as it can be reinvigorating seeing the enthusiasm in the recipients. The Scholarship Dinner could not happen without the support of our members throughout the year, and this year the Golf Tournament was a huge success due to this support. This year's golf tournament was successful on all aspects from the number of sponsors and golfers to the funds generated by the tournament, making it one of the biggest golf tournaments the chapter has had. And we as a Board and the Scholarship recipients can't thank you enough.

I'm sure we have all had a busy and active year, so why not come out to our next event and enjoy some family fun at the 9th Annual Fishing Tournament scheduled for June 23, 2018. We will be having BBQ that afternoon after the tournament. This is a family friendly event, so bring everyone out for BBQ and a possible corn-hole tournament.

As mentioned above, the year is half over which means the current Treasure Coast FES Board is coming to end and we are opening up nominations for Officers. The Officer Installation ceremony is scheduled for July 26th; and we will soon send more information on this meeting and requesting nominations. Please remember you do not have to be nominated by someone else, and can nominate yourself if you would like to be on the Board.

Hope to see everyone at the Fishing Tournament!

Colt Schwerdt, PE—FES Treasure Coast Ch., President

Upcoming Events

The 2018 Treasure Coast FES Fishing Tournament will be held on June 23, 2018.

SHIRT ORDERS ARE NOW BEING TAKEN.

Contact Gary or Dave with your entry and/or sponsorship. The full entry form is attached to the back of the newsletter.

ENTRIES ARE DUE BY JUNE 13

Prizes Awarded For:

- Longest Aggregate Length of 1 Snook, 1 Trout and 1 Red fish.
 - Heaviest Aggregate of 1 Dolphin, 1 cobia and 1 Kingfish.
- Lines in the Water at 7:00 am. – June 23, 2018.
 - Weigh In – 3:00 pm to 4:00 pm @ CAPTEC Dock. (Lat. 27°12'33.01"N Long. 80°15'35.39"W)

Guests and Non-Anglers Welcome

\$30 per angler (min 2 anglers per boat)

Cook-out & Cornhole Tourney

\$15 per person –

Guest / non angler (\$10 per angler) Hot dogs, Hamburgers, beans and cole slaw. (Children under 10 eat free)

“Snoopy Rod Calcutta” - \$50 per boat – Longest Fish, any Species.

(Winner gets their name engraved on the “Snoopy Calcutta Trophy” and maintains the trophy for the year.)

For more information, Contact:

- David Andre, 772-408-2735, dandre@aaceinc.com
- Gary Jones, 772-215-0387, gjones@gocaptec.com

Officer Installation

The 2018 Officer Installation ceremony will be held at the new HopCat in Tradition, Port St. Lucie.

Date: **July 26, 2018**
Time: **5:30 happy hour and 6:30 dinner**
Cost: **\$20 per person**
Location: **10553 SW Meeting St, Port St. Lucie, FL 34987**

RSVP to vicepresident@tcfes.org

More details to follow!

Nominations are being taken for officer positions. Please submit to board@tcfes.org.

**9TH ANNUAL TREASURE COAST
FLORIDA ENGINEERING SOCIETY**



FISHING TOURNAMENT
SNOOPY ROD CALCUTTA & COOK-OUT



2018 E-Week Banquet

The 2018 E-week banquet was held on February 22, 2018 at Martin Downs Country Club in Palm City. Deborah Wells from NASA spoke about current research and technology development for space exploration, particularly as it relates to commercial opportunities for the International Space Station. Thanks to everyone in attendance!



Our Treasure Coast EOY and YEOY were awarded during the E-week Banquet:

Congratulations!

Treasure Coast Engineer of the Year 2018—Dan Zrallack, P.E.

Treasure Coast Young Engineer of the Year—Dylan O'Berry, E.I.



2018 Golf Tournament

The 2018 golf tournament was held April 14 at Santa Lucia River Club in Port St. Lucie. We 15 teams participate, making this tournament one of the most successful in our history raising approximately \$6,500! All proceeds from this tournament benefit our annual *MathCounts* competition, the Scholarship Fund for local high school and community college students, and *Project Lead-the-Way*. This tournament is the Treasure Coast FES chapter's main fund raising event to help develop interest in the field of engineering for local students.

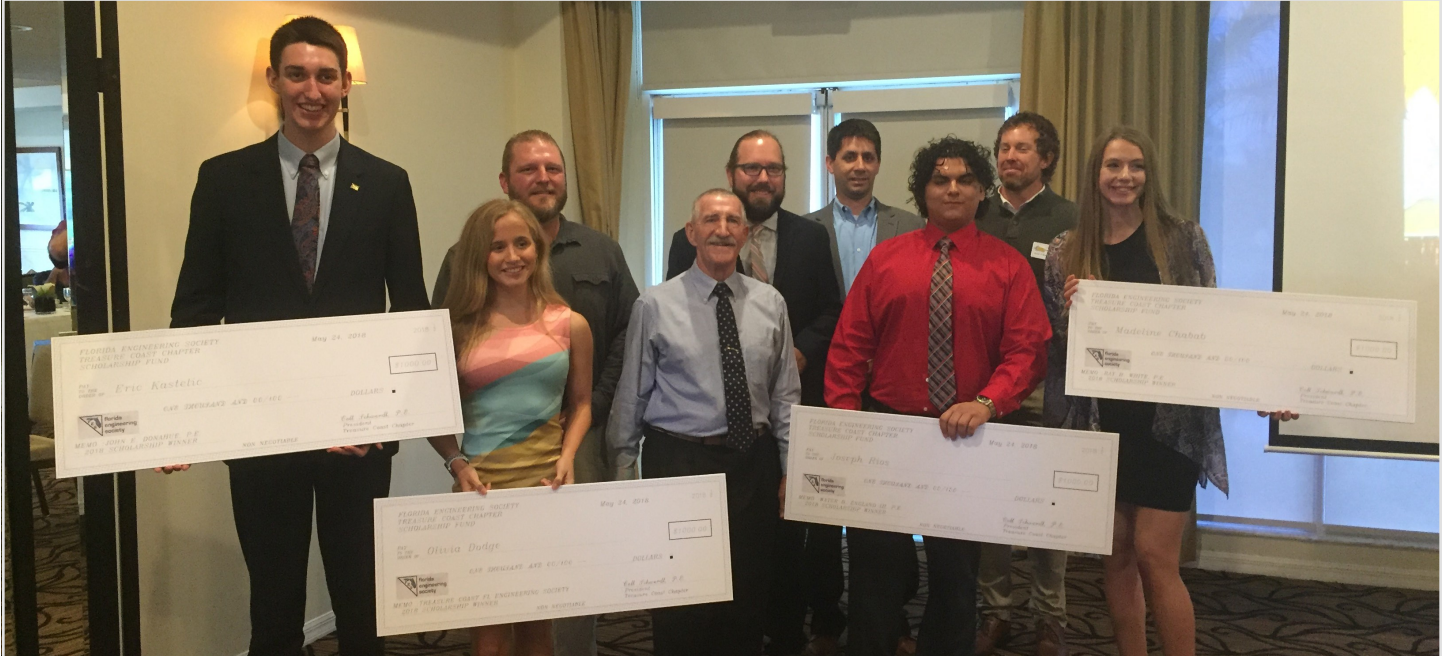


Thanks to everyone who participated, particularly our sponsors. We look forward to another successful event next year!

Sponsors: Anderson Andre Consulting Engineers, Target Engineering Group, Wantman Group, Johnson, Mirmiran & Thompson, Gunster-Yoakley, Culpepper & Terpening, Treasure Coast APWA, Giangrande Engineering & Planning, Floridian Golf Club, Dredging & Marine Consultants, AECOM, Captec, Bowman, Engineering Design & Construction, Terracon, Milton Engineering Consultants, and Nature's Keeper.

2018 Scholarship Dinner

The 2018 Scholarship Banquet was held on May 24 at Monarch Country Club in Palm City. The Treasure Coast scholarship chairman Paul Bangs handed out \$1,000 scholarships to four deserving recipients. The banquet also included a presentation from Bob Verrastro, Lead Hydrogeologist from South Florida Water Management District. Bob provided an overview of the numerous Everglades Restoration projects that the District is currently involved in, including Aquifer Storage and Recovery (ASR) and Deep Well Injection.



Treasure Coast Board with the 2017-2018 scholarship winners



Madeline Chabab
Ray White Scholarship



Olivia Dodge
Treasure Coast FES Scholarship



Eric Kastelic
John Donahue Scholarship



Joseph Rios
Walter England Scholarship

State Information:

Upcoming Events:

Thursday, June 7, 2018

FES and ACEC-FL Board and Orientation/Planning Meetings

6/7/2018 » 6/9/2018

Location: Orlando, FL Time: 1:00 pm

Tuesday, July 10, 2018

ACEC FL/FICE Transportation Committee Meeting

7/10/2018

Location: Tampa, Florida Time: 10:00 am

Wednesday, August 1, 2018

2018 FES/ACEC-FL Annual Conference

8/1/2018 » 8/4/2018

Location: Marco Island, FL Time: 08:00 am

Tuesday, October 9, 2018

ACEC-FL Transportation Committee Meeting (October 2018)

10/9/2018

Location: Orlando, FL Time: 10:00 am

Sunday, October 28, 2018

ACEC Fall Conference

10/28/2018 » 10/31/2018

Location: Las Vegas, NV

FES Member Charter and Bylaws Proposed Change

All Corporate FES members were mailed a letter and ballot on Tuesday, May 8, 2018.

Please look for this ballot in your mail box and return back in the voting envelope with your signature on the back by June 21.

Questions? Contact FES at (850) 224-7121 or email shobbs@fleng.org.

Charter and Bylaws Change Letter

AMENDED – Proposed Bylaws

FES News: New Membership Model Adopted by National Society of Professional Engineers

In a Nutshell:

For 2018-19 membership year, members will have the following options:

*** FES-Only Membership: \$210**

*** NSPE-Only Membership: \$299**

*** FES/NSPE Membership: \$509 - invoiced separately**

For full details/background, please visit: <http://www.fleng.org/NSPE>

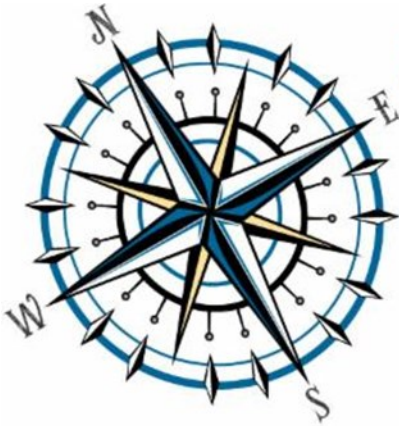
Proposed Amendments to Charter

On December 27, 2017, NSPE's Board of Directors voted to proceed with the new membership model and these changes will take effect July 1, 2018. Additionally, beginning in April 2018, NSPE will begin invoicing FES members for NSPE-only dues of \$299.

On January 30th, 2018, the FES Board of Directors approved FES-only membership dues for 2018-19 of \$210. The FES Membership Development Committee (MDC) is currently reviewing Agency, Enterprise, Retired, and Respect

Registration is now OPEN for your
2018 FES/ACEC-FL Annual Conference!

Register online at www.fleng.org/AC2018



2018 FES/ACEC-FL ANNUAL CONFERENCE

AUGUST 1-4, 2018

JW MARRIOTT MARCO ISLAND

“NAVIGATING THE FUTURE”

EMPLOYMENT OPPORTUNITIES:



Sumner Engineering & Consulting, Inc.
Agriculture, Civil, Land & Water Resources

393 SW 67th Drive
Okeechobee, FL 34974
863.634.9474

Job Description

Sumner Engineering & Consulting, Inc., an Okeechobee-based firm, is seeking a qualified candidate to fill the role of Project Engineer. The Project Engineer is responsible for preparing calculations, designs and construction documents to support water resource and land development projects for public- and private-sector clients. Typical projects may include a surface water management system, paving/grading, wastewater collection and transmission, and potable water distribution. Projects may also include permitting support, and engineering activities during project construction.

Minimum Requirements

- Bachelor of Science in Civil, Agricultural or Environmental Engineering
- 2 - 4 years design/engineering experience
- Familiarity with Florida Water Management District regulations
- Proficient in surface water modeling, including AdICPR
- Proficient in AutoCAD (Land Development Desktop and/or Civil3D)
- Proficient in Microsoft Office applications (Word, Excel, etc.)
- PE not required, but should have the ability to take the PE exam within 2 years

Compensation is negotiable based on experience and qualifications. Interested persons should send inquiries, including a cover letter and resume to Jeff Sumner via email jeff@sumnerengineering.com, or call 863.634.9474 for more details.

NSPE Code of Ethics

Engineering is an important and learned profession. As members of this profession, engineers are expected to exhibit the highest standards of honesty and integrity. Engineering has a direct and vital impact on the quality of life for all people. Accordingly, the services provided by engineers require honesty, impartiality, fairness, and equity, and must be dedicated to the protection of the public health, safety, and welfare. Engineers must perform under a standard of professional behavior that requires adherence to the highest principles of ethical conduct.

Fundamental Canons

Engineers, in the fulfillment of their professional duties, shall:

- Hold paramount the safety, health, and welfare of the public.
- Perform services only in areas of their competence.
- Issue public statements only in an objective and truthful manner.
- Act for each employer or client as faithful agents or trustees.
- Avoid deceptive acts.
- Conduct themselves honorably, responsibly, ethically, and law fully so as to enhance the honor, reputation, and usefulness of the profession.

The FES Mission Statement

The mission of the Florida Engineering Society is to support engineering education, advocate licensure, promote the ethical and competent practice of engineering and enhance the image and well-being of all engineers in the state of Florida; and furthers the public's knowledge and understanding of the importance of the profession.



Please visit our website!

<http://www.tcfes.org>



**Send your comments and suggestions
about our website or Facebook page to
treasurer@tcfes.org**

Questions or Comments?

If you have any questions/comments, or if you would like something included in the monthly publication, please contact Ben Fecko at (772) 485-7766 or secretary@tcfes.org

2017 — 2018 Treasure Coast Chapter Board Members

Colt Schwerdt, P.E., President president@tcfes.org
Logan Huber, P.E., Vice President vicepresident@tcfes.org
Dylan O'Berry, E.I., Treasurer treasurer@tcfes.org
Ben Fecko, P.E., Secretary secretary@tcfes.org
Adam Schildmeier, P.E., Regional Vice President regionalvp@tcfes.org
Heath Stocton, P.E., Past-President pastpresident@tcfes.org
Will Cornelius, P.E. State Director statedirector@tcfes.org

TREASURE COAST CHAPTER

Chartered 1987

FLORIDA ENGINEERING SOCIETY

Affiliated with

**NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
P.O. BOX 8764, PORT ST. LUCIE, FL 34985**



JUNE 23, 2018

9th ANNUAL TREASURE COAST FLORIDA ENGINEERING SOCIETY



FISHING TOURNAMENT

Snoopy Rod Calcutta & Cook-out

Prizes Awarded For:

- A. Longest Aggregate Length of 1 Snook, 1 Trout and 1 Red fish.
- B. Heaviest Aggregate of 1 Dolphin, 1 cobia and 1 Kingfish.

Lines in the Water at 7:00 am. – June 23, 2018.

Weigh In – 3:00 pm to 4:00 pm @ CAPTEC Dock.
(Lat. 27°12'33.01"N Long. 80°15'35.39"W)

Guest and Non-Anglers Welcome

\$30 per angler (min 2 anglers per boat)

Cook-out & Cornhole Tourney

\$15 per person – Guest / non angler (\$10 per angler) – Hot dogs, Hamburgers, beans and cole slaw. (Children under 10 eat free)

“Snoopy Rod Calcutta” - \$50 per boat – Longest Fish, any Species. (Winner gets their name engraved on the “Snoopy Calcutta Trophy” and maintains the trophy for the year.)

Pre-order Tournament Shirts – sizing and order form attached.
(Choices are: Dri-Performance long sleeve, Men, Women and Youth sizes.)

Treasure Coast Chapter Florida Engineering Society

Post Office Box 8764
Port St. Lucie, FL 34985
<http://www.tcfes.org>

For More Information Contact:

David Andre – 772-408-2735
dandre@aceinc.com

Gary Jones – 772-215-0387
gjones@gocaptec.com

Tides for Stuart – June 23, 2018

Sat. 23	Low	2:47 am	0.15'
Sat. 23	High	7:50 am	0.90'
Sat. 23	Low	3:11 pm	-0.16'

Sunrise 6:27 am/Sunset 8:18 pm



June 23, 2018 9th Annual Fishing Tournament Rules

Treasure Coast Chapter Florida Engineering Society

1. Each Team will attempt to present 1 snook length, 1 trout length and 1 redfish length (Pictures are required for out-of-season species and undersize fish, but it is the responsibility of the angler to provide clear picture), Each Team may also attempt to present 1 legal dolphin, 1 legal cobia and 1 legal kingfish to be weighed at the CAPTEC dock. All State and Federal Laws Apply.
2. Two awards will be presented: one for longest aggregate of snook, trout and red length and one for heaviest aggregate of dolphin, cobia and kingfish.
3. Lines in the water 7:00 AM. Honor System there will be no check-in before fishing.
4. Weigh station opens at 3:00 PM and closes at 4:00 PM. This means you must be checked in with whoever is keeping the weight log before 4:00 PM. Weigh-in will be at CAPTEC Engineering Dock. (Lat. 27°12'33.01"N Long. 80°15'35.39"W).
5. The Weigh Masters word is final.
6. All baits are legal (live, artificial, dead). All State and Federal Laws Apply.
7. Dead fish can be weighed in at no penalty. Release of a live fish will be a 1 pound or 1 inch bonus, whichever is applicable. Dead fish must be edible (properly kept on ice). If you leave fish out to spoil, you will be disqualified.
8. If you weigh in an illegal fish, you will be disqualified.
9. If you are caught or if we have a legitimate reason to believe that you or your team cheated you will be disqualified.
10. Disabled tournament boats that do not make the 4:00 PM weigh-in will not be allowed to weigh their fish.
11. Teams that help a disabled boat and arrive at weigh-in after 4:00 PM will be allowed to weigh their fish. However they need to make contact with Gary Jones at (772) 215-0387 or David Andre (772) 408-2735 ASAP!
12. "Snoopy Rod Calcutta" - The winner will be determined by the **Longest Overall Length** of a single fish of any species caught on a Children's Cartoon Character Rod & Reel Combo (**Overall Rod length not to exceed 36", original reel must be used, relining is allowed**). Rod and reel shall be of the same type and size as shown on first sheet of the flyer. Only Cartoon Character Rod & Reel Combos are allowed. Angler must present Rod & Reel Combo at weigh in to verify it was used in original configuration. Tournament Fish may be caught on a "Snoopy Rod", the weight or length will be counted for tournament portion and the length will be counted towards the Calcutta. Fish need not be presented at the check-in, BUT a clear photo of the fish lying adjacent/atop a discernible measuring device verifying the length must be provided to determine the overall length of the fish, with the final decision to be made by the tournament committee. Please note that each boat is responsible for having a digital camera and measuring tape/stick on-board if participating in the Calcutta. A tournament offshore fish that is caught on the "snoopy rod" must be measured in at the dock on the tournament scale; a digital photograph will not suffice for tournament consideration. Calcutta Fish can be measured at the dock if you so choose, if you do not intend to keep and eat the fish it is your responsibility to keep the fish alive for proper release.
13. THIS TOURNAMENT IS FIRST AND FOREMOST A FUNDRAISER FOR FES SCHOLARSHIPS AND PROJECT LEAD THE WAY. IT IS THE DESIRE OF THE TOURNAMENT COMMITTEE TO LIMIT ENTRANTS TO THOSE INVITED TO THE EVENT.

June 23, 2018 9th Annual Fishing Tournament Registration & Sponsor Form

Treasure Coast Chapter Florida Engineering Society

Team Name: _____

Anglers	Tournament Shirts are Extra (Form attached)
1-	
2-	
3-	
4-	
5-	
6-	

Snoopy Rod Calcutta Entry Yes No

Event Sponsor Advertised at Awards Presentation
Gold
(includes logo on shirt)
\$200

Contact Information

Name: _____
Address: _____
Phone & Email: _____

Summary

Number of Anglers: _____ @ \$30 each	= \$	
Anglers for Cook-out: _____ @ \$10 each	= \$	
Guests for Cook-out: _____ @ \$15 each	= \$	
Snoopy Rod Calcutta: _____ @ \$50 per boat	= \$	
Gold Sponsor: _____ @ \$200 each	= \$	
Tournament Shirts Cost (order form attached)	= \$	
Children for Cook-out: _____		
Total:		\$

**Participants will receive envelope with dinner tickets and shirts at the weigh-in /cook-out.
Must have ticket for dinner. Cornhole Tournament begins after weigh-in.**

Submit all Forms to Dave Andre or Gary Jones at email addresses listed on the first sheet of the flyer. Send Check (payable to Florida Engineering Foundation) to: P.O. Box 8764, Port St. Lucie, Florida 34985.
ENTRIES DUE June 13, 2018

Tournament Shirt Order Form

Note: T-Shirts will only be available by pre-orders.

Name _____

\$25 Each	Men Long Sleeve A4 Cooling Performance	SM	M	L	XL	2XL	3XL	Total
	Body Length	27.5	28.5	29.5	30.5	31.5	32.5	
	Body Width	20.5	21.5	23	24.5	26	27.5	

\$25 Each	Women Long Sleeve A4 Cooling Performance	XSM	SM	M	L	XL	2XL	Total
	Body Length	23.5	24.5	25.5	26.5	27.5	28.5	
	Body Width	16.5	17.5	18.5	19.5	20.5	21.5	
	Sleeve Length	29	29.75	31.5	32.25	33	33.75	

\$20 Each	YOUTH Long Sleeve A4 Cooling Performance	S	M	L	XL	Total
	Body Length	22.5	23.5	24.5	25.5	
	Body Width	16.5	17.5	18.5	19.5	
	Neck Circumference	6.25	6.5	6.75	7	
	Width	14.5	15	15.5	16	

Quantity of Shirt(s) _____ Total Money Due _____