

# The Canaveral Flyer

**A Newsletter of the Canaveral Section of ASMEI**

**VOL XLIII, ISSUE I**



**SEPTEMBER MMII**



**...“LET’S ROLL!”**

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As pop star Britney Spears would say, “Oops! We did it again!” But hey, there’s no mistake about it. The Canaveral Section is, without a doubt, the “home” of the best engineers. This time we’ve been awarded the Region XI Outstanding Achievement Award for Large Sections, for the third year in a row! With that said, I’m proud & elated to take over the reins of such a prestigious section comprised of outstanding men & women, engineers like you.

This year, as always, I want to focus on providing member services. This includes, but is not limited to: rewarding monthly programs, beneficial professional development courses, opportunities to help shape and influence today’s youth in math, science & mechanical engineering at the secondary school level and at our local universities & colleges, and finally, prospective networking possibilities.

I encourage you to tap into the resources that ASME and your local section offers. The experience of our mechanical engineers runs the gamut, from budding college graduates to retired members with over 50 years of wisdom. Not only should you take advantage of our many benefits, but you also need to fully participate in our organization. Do you have a hidden talent or contribution you would like to share with other mechanical engineers? Have some time to volunteer? Tell your executive committee exactly what you want. We’re always open to your concerns, suggestions and constructive criticism. How can we be of service to you? Bring your ideas to our meeting on the 18<sup>th</sup>. I’ll see you there!

*-Hugh Bain*



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## CRUISIN'....



Several members of our Canaveral Section attended the Region XI Professional Leadership Seminar (PLS) held aboard the RCCL's *Sovereign of the Seas*. This event took place over a four day weekend this summer, August 15-18. Obviously, these hard working engineers were rewarded for their efforts! Pictured above (from left to right): Keith Conaughty, PE, Dan Johnson, Ken Cook, Stephanie Hopper & Leanna Konowicz.

## DON'T SING THE BLUES...



### **2002 ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION November 17-22, 2002 NEW ORLEANS, LOUISIANA**

Join thousands of engineers at Congress 2002 and take advantage of a wide range of opportunities for technology transfer, networking, and exploring new perspectives on your workplace challenges.

For full details on the 500 technical sessions, special forums, tutorials, workshops, poster sessions, facility tours, social events, and much more, visit the following:  
[www.asme.org/congress](http://www.asme.org/congress).

Congress 2002 features the premiere of R&D EXPO, the first and only industry event focused entirely on new discovery.



## **SEPTEMBER'S DINNER MEETING:**

**JOHN BROWN**

**President of Geodetic Services, Inc.  
Melbourne, FL**

### **\*\*\* INDUSTRIAL PHOTOGRAMMETRY \*\*\***

**WHEN:**            **Wednesday, September 18th, 2002**  
                         **6:00pm - 7:00pm Social / Dinner**  
                         **7:00pm - 8:00pm Presentation & Demo**

**LOCATION:**            ***Florida Solar Energy Center***  
                         **1679 Clearlake Road, Cocoa**  
                         **(Next to BCC Cocoa Campus)**

**COST:**            **\$9.00 ASME Members & Spouses**  
                         **\$5.00 Students**  
                         **(Dinner will be buffet style BBQ!!!)**

***RSVP by Sunday, September 15th, 2002***

**For Questions or to RSVP, contact Dan Johnson @ 321-729-3686 -OR-  
Hugh Bain @ 321-768-0358**

Photogrammetry, as its name implies is a 3-dimensional coordinate measuring technique that uses photographs as the fundamental medium for measurement. The fundamental principle used by photogrammetry is triangulation.

Geodetic Services, Inc. (GSI) is the world's leading firm in Industrial Photogrammetry. They have been providing a wide variety of photogrammetric measurement services for over thirty years, and have been producing state-of-the-art turnkey photogrammetric measuring systems for industrial clients for over a decade. With over 200 video and film-based systems installed worldwide, GSI is far and away the dominant producer of high-accuracy photogrammetric systems for industrial measurement. For more info, check out <http://www.geodetic.com>.

## GREETINGS FROM FLORIDA TECH'S ASME STUDENT CHAPTER!

We are planning an active year with several tours, section meetings with guest speakers, and impromptu design competitions. So far this is what we are working on for the upcoming year:

### MEETINGS

DATE	TOPIC	SPEAKER
Wed, 9/4/02 Olin Eng Auditorium	Benefits of ASME Membership	Dan Johnson
Wed, 10/2/02 TBD	Impromptu Design Contest	NONE
Wed, 11/6/02 Olin Eng Auditorium	Personal Watercraft Industry	TBD
Wed, 12/4/02	Combined Holiday Meeting with Senior Section - Dinner Cruise on the River	NONE
Wed, 1/8/03 Olin Eng Auditorium	Entrepreneurship in Engineering - Pro's & Con's of owning your own business	TBD
Wed, 2/5/03 Olin Eng Auditorium	Interview Process - What are companies looking for? What are you looking for?	Harris Eng Mgmt
Wed, 3/5/03 Olin Eng Auditorium	Aspect of the Space Shuttle Program	NASA Rep
Wed, 4/2/03 Student Center-Upstairs	Joint Dinner with Canaveral Section - Student Design	Student Presenters

### TOURS

### LOCATION

Sat, 9/14/02- 7:00 Tour 8:00 - 10:00 Skate	Ice Skating Rink - Tour & Skating Party <i>Open to Canaveral Section Members</i>	Rockledge
Thur, 10/10/02 4:00 - 5:00 Tour	Florida Today Newspaper - High Speed Printing Process	North Melbourne
Fri, 11/15/02 4:00 - 5:00 Tour	Demaco - Food Handling Equipment	West Melbourne
Fri, 12/13/02	No Tour due to Finals & Semester Break	
Fri, 1/17/03 4:00 - 5:00 Tour	Rockwell Collins - Circuit Card, Fab & Assembly of Avionics Equipment	West Melbourne
Fri, 2/14/03	Hills Incorporated - Custom machinery in fiber handling	West Melbourne
Fri, 3/14/03	Harris Corporate Briefing Center - Display of Harris Products & Services	Melbourne
Fri, 4/11/03	No Tour due to Finals & Semester Break	

If you have questions for me, or if I can help you to get in contact with the student section, please do not hesitate to contact me at either my e-mail [djohns08@harris.com](mailto:djohns08@harris.com) or by phone at 729-3686.

### **JOIN IN ON THE FUN- SPACE COAST ICE PLEX TOUR**

**WHEN:** Saturday, September 14th, 2002, 7-8pm TOUR & 8-10pm SKATE

**LOCATION:** Space Coast Ice Plex, 720 Roy Wall Blvd, Rockledge

**COST:** \$6.00 **Senior Section Included!** (Pizza will be served)

**FOR QUESTIONS OR TO RSVP, CONTACT DAN JOHNSON @ 321-729-3686**



## TREASURE COAST ASME RETIREES



\*\*\* MEETING NOTICE \*\*\*

**- ASTRONAUTS' MEDICAL PROGRAM -  
A Presentation by Philip Scarpa, MD**

**WHEN:** Saturday, September 14th at 10:00 AM

**WHERE:** Vero Beach Senior Center

One of the the many astronauts under Dr. Scarpa's care was none other than John Glenn himself, during his most recent return to space on Mission STS-95! You won't want to miss this exciting presentation!

**For Questions or to RSVP, Contact Jack Wiles @ 321-255-1510 -OR-  
Ed Holden @ 561-567-6027**

### **TREASURE COAST CHAIR'S MESSAGE:**

As described above, the TC Retirees group will start its second year of diverse offerings on Saturday, September 14th. To encourage attendance, meetings are set for daytime which agrees with the lifestyle preferences of retirees.

To further enhance attendance, meetings are held at the Senior Center of Vero Beach, a location which is central to the Treasure Coast area.

Last year's activities provided a base for membership. An open session last Spring suggested cross-pollination with other professional groups would be beneficial and action was initiated to attract members of other organizations such as ASCE and IEEE, for example.

If you know members of other groups you are encouraged to suggest they attend some of our Treasure Coast meetings — without obligation, of course.

To encourage further broadening of its membership, the group is considering changing its name. Currently topping the list is: The Treasure Coast Seniors Engineering Association, (SEA).

Sincerely,  
Ed Holden, P.E., group Chairman

### **What's on the Horizon?...**



- **Professional Development Courses-** Cryogenics...  
Project Management...  
Pipe Flanges...
- **Recruit a new member and 50% of the first year dues will fund scholarships for ASME student members! Check it out @**  
<http://www.asme.org/youngengineers>
- **Check out our Web Page:** <http://www.asme.org/sections/canaveral>  
In the near future, we'd like to go with electronic viewing of our newsletter instead of mailing out hard copies. Think of the savings! Let us know what you think.



**AMERICAN SOCIETY  
OF MECHANICAL  
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