

The Canaveral Flyer

A Newsletter of the Canaveral Section of ASMEI

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OCTOBER MMII

RENEW! RENEW!

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Greetings! I'd like to thank our September speaker, John Brown, from Geodetic Services, Inc. as well as those members who came out to spend a enjoyable evening consuming finger lickin' BBQ and learning about Industrial Photogrammetry. Our first meeting of the 2002-2003 season was a success! Our student section and the Treasure Coast ASME Retirees also shared in success, as both of their season kick-off meetings were big hits. More info on their endeavors on the following pages.

Our next meeting will be on Thursday, October 3rd at Hills, Incorporated, located in West Melbourne. We will be meeting Ken Cook, one of our section members employed by Hills, Inc. for a guided tour into the world of the synthetic fiber industry. This event is taking place next week, so be sure to RSVP ASAP! Please see the insert for tour details.

In our continued effort to provide better service to our members, this month we will be concentrating on how you would like to receive The Canaveral Flyer. Please fill out the attached postcard and mail it back to me. As you will see, your options are as follows: #1) You can continue to receive the newsletter as a hardcopy via the U.S. Postal Service. #2) You can receive an e-mail notifying you that the newsletter has been released along with the <http://> web link to go and view it, as well as an attached ".PDF" electronic format of the newsletter. Obviously the second option is the least expensive for our section, but I want to ensure that every member has a choice, is able to voice their preference and continues to receive The Canaveral Flyer. Take this opportunity to let us know if your e-mail address has changed as well! Feel free to call me or e-mail me at kmdandehb@mindspring.com if you'd like to save the 23¢! If we don't hear back from you by November 1, 2002, you will only receive the electronic version of all future newsletters.

Finally, I would like to remind everyone that if you haven't renewed your membership yet- JUST DO IT! ASME dues are a bargain for your career! I hope to meet more of you out there at our next meeting! Until then, take care!
-Hugh Bain

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News from Florida Tech's ASME Student Chapter!

For our first meeting of the year held on September 4 we had a mini-impromptu design competition to launch a projectile using a device made from plastic spoons, a tennis ball, mouse trap, and of course duct tape. This served as a good icebreaker to get the group working together. The contest was followed by a presentation given by Dan Johnson on the benefits of ASME membership.

We have also had our first tour. A group of about 20 student and Canaveral section members traveled to the Ice-Plex in Rockledge for a behind the scenes tour, pizza, and then followed by two hours of skating. It was the first time on the ice for several of the people who came and except for a few bruises from some interesting falls I think everyone had a great time.

Our next tour will be of the Florida Today newspaper plant on US 1 north of Melbourne. That is scheduled for Thursday October 10 starting at 4:00 pm.

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 or by phone at 729-3686.



TREASURE COAST ASME RETIREES



The Treasure Coast ASME Retirees held their first meeting of the 2002-2003 season on Saturday, September 14 at the Council on Aging Conference Room in Vero Beach. Fourteen persons attended to hear a fascinating presentation by Dr. Phil Scarpa, a NASA medical officer and flight surgeon from the Kennedy Space Center. Dr. Scarpa spoke about the effects of prolonged weightlessness on the body encountered in space travel. He spoke about problems and solutions on various organs and possible applications to 1 gravity problems on earth. He mentioned difficulties with travels to Mars and felt that they are solvable. Dr. Scarpa also gave some details on Senator John Glenn's historic flight to the Space Station.

Our next meeting will be at the Council on Aging Conference Room, 688 14th Street in Vero Beach at 10:00 AM on Friday, October 18th. Our speaker will be an unusual one. He is Mr. John Mackie. Mr. Mackie is a highly decorated, 17 year veteran of the New York City Police Department. Mr. Mackie is an author who wrote the novel "Manhattan South". This has been on the Vero Beach best-selling list since its debut on July 2nd. The subject of his talk will be "Problem Solving in the Development of a Novel".



OCTOBER'S MEETING:

HILLS, INC. FACILITY TOUR West Melbourne, FL

***** THE SYNTHETIC FIBER INDUSTRY *****

WHEN: Thursday, October 3rd, 2002
Tour begins at 6:00pm

LOCATION: *HILLS, Incorporated*
7785 Ellis Road, West Melbourne, FL
(Next to BCC Cocoa Campus)

NO COST! FREE TOUR!

RSVP by Tuesday, October 1st, 2002

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

HILLS, Incorporated is a thirty year old company devoted to the design, development and manufacture of machinery and technology for the synthetic fiber industry. HILLS routinely participates with customers in the development of new fiber technologies. These development programs are usually conducted in their labs with their in-house research and pilot machinery. The equipment is set-up for production of UOY, POY, FOY, BCF, spunbond, and meltblown products. Their labs have played a major role in the development of an exceptional number of new polymers, processes, and fiber products recently introduced in the fiber markets.

HILLS occupies five buildings with over 35,000 square feet of office, shop, and laboratory space located on eight acres of land in West Melbourne. A total of over one hundred employees provide management, technical, sales, accounting, and shop services to the company. For more information on HILLS, Inc., go to <http://www.hillsinc.net/>.

What's on the Horizon?...



- **November's Canaveral Section Meeting - Distinguished Lecturer**
Dr. Mohamed Gad-el-Hak
Micro-Electro-Mechanical Systems (MEMS)
Wednesday, November 20th at the Olin Engineering Auditorium, FIT
- **2002 ASME International Mechanical Engineering Congress & Exposition**
November 17-22, 2002
New Orleans, Louisiana
- **Professional Development Courses- COMING SOON!**
Cryogenics, Project Management, Piping Flanges & More....
- 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>

CLASSIFIED / RESUMÉ



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SUMMARY / OBJECTIVE

A veteran of aerospace engineering at Kennedy Space Center with experience in engineering support of: 1) "GO₂ and GH₂ fuel cell ground systems as well as start-up and operation of the Shuttle fuel cells.(7 years) Most recent experience is the validation of the Environmental Control Systems, Atlas V. (1 year) In addition, design experience includes: cryogenic, hypergolic and high pressure pneumatic ground support systems. (12 years) Aerospace experience also includes: environmental testing of avionics boxes for the International Space Station (ISS) and depot engineer for the ISS fire extinguisher. (1 year)

Prior experience includes: HVAC design; energy conservation feasibility / cost studies and steam power plant process engineering (control system test engineer and steam piping design).



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