

The Canaveral Flyer

A Newsletter of the Canaveral Section of ASMEI

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NOVEMBER MMII

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THANK YOU VETERANS!

Greetings! If you weren't at the Hills Inc. Facility Tour last month, you missed out on an awesome event. Unless you were there, you would never know about this impressive manufacturing facility with a "state of the art" R & D program that is hidden back in the woods off of Ellis Road. I'd like to personally thank the following Canaveral Section ASME members Ken Cook, Jeff Haggard, and Hills, Inc. President Arnold Wilkie (ASME member for 28 years) for hosting this great event.

I'd like to take this opportunity to acquaint you with an organization that ASME is a proud member of. Last week my wife and I attended the Canaveral Council of Technical Societies (CCTS) Orientation Banquet at the Florida Solar Energy Center. This organization is comprised of over 25 engineering, technical, and scientific societies that are located all along the Space Coast. I cannot count the number of times that ASME was mentioned during this dinner meeting. Our very own Jack Wiles was instrumental in founding CCTS all the way back in 1960. (Sorry Jack, I'm not trying to date you!) The CCTS has many opportunities available for ASME members such as networking with other professionals in the area, encouraging community service and interest in the sciences through participation in Science Fairs. For more information, check out the website: <http://canaver-alcts.org>.

Finally, this month one of our past ASME Canaveral Section Chairs, Alan Zakaluk, has worked diligently to bring our first distinguished lecturer of the year to FIT for an evening presentation on Micro-Electro-Mechanical Systems (a.k.a. MEMS). You won't want to miss this event either! I hope to see you all on Wednesday, November 20th at FIT for our next Section Meeting and presentation on MEMS. See the announcement enclosed. Have a safe and happy Thanksgiving!

—Hugh



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News from Florida Tech's ASME Student Chapter!

For our October tour a group of six students and four Canaveral Section members visited the Florida Today Newspaper Facility in North Melbourne. It was a very interesting tour to see the world of high-speed offset printing operation and how Florida Today can present the multi-color graphics and text seen in its papers and magazines.

Our meeting this month has been changed to Wednesday November 13. The Guest speaker will be Steve Burton, a Mechanical Engineering Contractor with experience working for the US Navy. Mr. Burton will talk about real world experiences he has encountered during his tenure as an engineer.

Our scheduled tour for this month is on Friday, November 15, and we will visit Demaco Incorporated in West Melbourne. Demaco designs and manufactures pasta machines and it should be another good opportunity to see how engineering and manufacturing combine their efforts to be able to develop products for the consumer market.

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 S.E.A.



The Treasure Coast Seniors Engineering Association (SEA) was selected as our new name to better reflect the broad interests of our group. We wish to encourage all engineers, not just the mechanical engineers, in the Treasure Coast area to join us in our meetings, tours and lectures.

Twelve persons attended our October 18 meeting. Our speaker was author John Mackie who described the steps required to get a first novel published. His novel, "Manhattan South", is a best seller in the Treasure Coast area. Although he is not an engineer (actually he is a retired NYPD detective) he outlined many similarities between writing and engineering. It was an unusual subject by an interesting speaker.

Our November meeting will be on a Saturday (instead of our usual Friday) to better accommodate our speaker and perhaps allow for a larger turnout. The meeting will be held at the Council on Aging Conference Room, 688 14th Street, in Vero Beach on November 16 at 10:00am. We are privileged to have as our speaker Dr. Ron Bailey. Dr. Bailey is the Dean of Engineering at the Florida Institute of Technology. His subject matter will be about FIT, its past, present and future. His talk is especially timely because of the arrival of the new FIT president, Anthony James Cantanese.



NOVEMBER'S MEETING:

DR. MOHAMED GAD-EL-HAK

ASME INTERNATIONAL DISTINGUISHED LECTURERS PROGRAM

MICRO-ELECTRO-MECHANICAL SYSTEMS (MEMS)

**WHEN: Wednesday, November 20th, 2002
8:00 PM**

**LOCATION: FLORIDA INSTITUTE of TECHNOLOGY
Campus in Melbourne, FL
OLIN ENGINEERING BUILDING
LECTURE HALL, ROOM 118**

NO COST!

RSVP by Monday, November 18th, 2002

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

Dr. Mohamed Gad-el-Hak is presently the Inez Caudill Professor of Bioengineering and Chair of Mechanical Engineering at Virginia Commonwealth University in Richmond. As part of the ASME International Distinguished Lecturers Program, he will discuss "Micro-Electro-Mechanical Systems" (MEMS) in his presentation.

The Distinguished Lecturers Program provides opportunities for ASME members and guests to meet and listen to outstanding engineering researchers and practitioners. Local presentations bring researchers at the leading edge of their technology into close contact with working engineers, scientists and students.

What's on the Horizon?...



- ASME announces its fourth **North American Seminar on the European Pressure Equipment Directive (PED)** being held on December 5-6, 2002 in Orlando. Now that the Directive has become mandatory, new opportunities exist for doing business in Europe for those who have not in the past. Those who have done business in Europe in the past have found the rules have changed and they need to learn more about it. This seminar is an excellent opportunity to learn how the Directive applies to components like valves, fittings, and pressure equipment subassemblies. More information, including an outline of the program and registration information can be found on the ASME website at: <http://www.asme.org/codes/>
- **Professional Development Courses- COMING SOON!**
 - ⇒ PD-014 B31.3 Process Piping
 - ⇒ PD-386 Design of Bolted Flange Joints
 - ⇒ PD-049 Cryogenic FundamentalsCourses to start within the first 10 days of the month starting in either February or March, for three consecutive months. Courses shall be at least four weeks apart.

CLASSIFIED / RESUMÉ



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PROFESSIONAL SUMMARY

Successful Mechanical Engineer with 14 years of leadership and a proven track record in project management/engineering and the operation and maintenance of large, complex plant facilities.

Experience includes: Production Manager (Operations and Maintenance) of an 800 MW conventional fossil power plant, Construction and Startup Engineer of simple-cycle and combined-cycle power plants, Project Manager/Engineer for numerous capital plant improvements, Predictive Maintenance Engineer (Rotating Equipment Vibration, Lube Oil, Thermography Analysis, etc.), Thermal Performance Engineer for plant processes, Mechanical Design Engineer for numerous plant projects. Have extensive experience with mechanical, electrical and digital power plant systems (Boilers (including HRSGs), Turbines, Generators, and Balance-of-Plant equipment). Also, Engineer Intern (EI), Florida License No. 1088ET279 (PE Eligible).



**AMERICAN SOCIETY
OF MECHANICAL
ENGINEERS**

CCTS
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