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See Our Web Page for Contact Information:  
<http://sections.asme.org/canaveral/>

## Message from the Chair...

Happy New Year Canaveral Section!

The last event of 2005 was a presentation by Dr. Ron Reichard of Structural Composites, Inc. The presentation was outstanding. The subject was composite materials and the presentation concentrated on the Universal Studio's ride, SPIDER MAN. There was a great deal of interaction and discussion between the audience and Dr. Reichard. While I was unable to attend, one quote from feedback I received was "Cool visual presentation."

The spring schedule is shaping up with the Awards Banquet in Jan, followed by E-Week activities in Feb, and then joint meeting in March with the F.I.T. student section where we have a dinner and then watch senior design presentations. We're contemplating two additional meetings, one for a manufacturing facility tour and then one for a tour of the F.I.T. labs perhaps including the Magnetic Levitation Lab.

I'd like to invite you the Annual Awards Dinner, and strongly encourage you, to join us. The central focus of the event is to recognize individuals in our Section that have achieved various milestones regarding their association with ASME; life members, 25 years, etc. In addition to recognizing these deserving individuals the Awards Dinner is another opportunity to network with your peers, many of whom you might otherwise never interact with. Since becoming a Board Member I have been exposed to a number of outstanding people and businesses that I was previously unaware of. While we belong to a technical/professional society, the reason we are employed is ultimately to accomplish work for public benefit (reference the ASME Code of Ethics). By increasing the sphere of people you know you are effectively increasing the number of possible solutions to current or future challenges. So plan on attending, bring a spouse or other guest and let's make it a great event.

The Annual Awards Dinner keynote address will be provided by the staff of Technology Research and Development Authority (TRDA). TRDA was established by the Florida Legislature in 1987, they facilitate the transfer of cutting-edge technologies to schools and small businesses throughout the State of Florida. Through strategic alliances with NASA, the federal government, the aerospace industry and state partners - including the Department of Education, Enterprise Florida and the Department of Community Affairs Specifically, the TRDA sponsors programs that enhance education and economic development within the state. By seeking matching funds for visionary projects, TRDA has been able to augment Florida's resources with those of government and private industry, while working diligently to ensure a brighter future for the people of the State of Florida. TRDA has programs that will be of interest to our membership. To reserve your seat please contact Dan Johnson (johnsond2@asme.org or 321/729-3686) before January 15th.

Tom Moriarty, PE, CMRP  
(321) 773-3356 or  
tjmpe@alidade-mer.com

## Items of Interest

News items have just been posted on the ASME News Web site, exclusively at <http://www.asmenews.org/latebrk/latebrk.html>.

**Congratulations to JD Van Gilder & Alan Zakaluk for being selected to attend the ASME Leadership Training Conference!**

### ASME LEADERSHIP TRAINING CONFERENCE (LTC)

*Conferences, Centers*

March 03 2006 - March 05 2006, Friday - Sunday

Description:

The purpose of the LTC 2006 is to provide ASME unit leaders and key committee personnel with an opportunity to share best practices and form partnerships with other units and focus on critical issues important to the success of the Society.

**CANEUS 2006** is the world's foremost international conference devoted to Micro-Nano-technology (MNT) development for aerospace applications. The CANEUS 2006 conference continues to build on the theme developed during previous, successful CANEUS conferences namely, the challenge of rapidly and efficiently transitioning aerospace MNT development from a mostly low technology-readiness-level (TRL) stage to system-level implementations. Thus, CANEUS 2006 explores the formation of an integrated "cradle-to-grave" approach for aerospace MNT development. For more info go to: <http://www.asmeconferences.org/caneus06/>

## What's happening at Florida Tech

Tours, meetings, impromptu design competitions, and joint gatherings with the Canaveral Section are held throughout the regular Fall and Spring semesters. To get in contact with the Florida Tech Student Section please do not hesitate to contact Student Section Advisor JD Van Gilder at [jvangild@harris.com](mailto:jvangild@harris.com).

## Treasure Coast S.E.A.

Meetings are typically held on the third Friday of the month and meeting announcements will be sent via e-mail and the Vero Beach Press Journal prior to each meeting. If you would prefer to be reminded by any other method (phone, mail, etc.), please contact **Kelly Mather** at [southmoon@bellsouth.net](mailto:southmoon@bellsouth.net).

**January 2006 Meeting**

**Friday, Jan 20**

**Sebastian Senior Center at 10am**

**Speaker: Nuclear Weapons Expert and Author Lee Boyland**

## ASME Continuing Education

Short Courses: <http://www.asme.org/education/shortco/>


In-Company Programs: <http://www.asme.org/education/incomp/index.htm>

Distance Learning: <http://www.asme.org/education/disted/>

Technology Seminars: <http://www.asme.org/education/techsem/index.html>

Develop Continuing Education Programs: <http://www.asme.org/education/ceiopp/ceiopp.htm>

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**Your sponsorship notice can be seen by our members in the next issue of the Canaveral Flyer!**

## *Canaveral Section Sponsorship*

**Organization:**

**Phone:**

The Canaveral Section will supply a sponsorship notice in each newsletter containing a sponsor's business and contact information on standard business card size listing. The listing will run for duration of one year for a donation of \$200. The sponsorship funds received will be used to support section activities such as distinguished lecturers, professional development events and monthly meeting costs as well as student section scholarships, design competition sponsorships and activities. Provide the information above and attach a business card or the information you would like displayed in the listing and send it to ASME Canaveral Section P.O. Box 540171 Merrit Island, Fl 32954 or e-mail a soft copy of the file to J.D. Van Gilder at [vangilderj2@asme.org](mailto:vangilderj2@asme.org). A receipt will be provided for your tax records.

**Contact Person:**

**Date:**

**E-mail:**

## Applications of Computational Fluid Dynamics Course

The Florida Section of ASME is pleased to announce the scheduling of its first short course for this program year. The course, entitled "Applications of Computational Fluid Dynamics (CFD)", will be a HANDS-ON course that will focus on the theory behind, and application of, fluid dynamics to real-world problems.

The course will last a total of four hours which will consist of a lecture period and a lab period. In the lab period, each participant will use the CFD program CFdesign to run a variety of typical fluid dynamics and heat transfer problems.

Such problems are likely to include external flow around an object, flow characterization inside a valve, effective cooling of an electronics enclosure, and design of fan blades in a water turbine.

The date for this course will be Saturday, February 11, 2006 at the Enser Corporation facility in East Orlando near UCF. We are offering two different times, 8:30AM-12:30PM and 1:00PM-5:00PM, in order to try to accommodate the anticipated demand. Because of the limited number of computers, we are requiring that registration occur prior to the event. The preferred method for this will be Acteva, a secure site where you can pay with a credit card. Non-credit card arrangements must be made by contacting the Florida Section at [floridasection@asme.org](mailto:floridasection@asme.org).

You do not need to be an ASME member in order to take the course, but ASME members will enjoy special discounted pricing. However, for all, we are offering an early-bird registration rate. From now until December 31, all people who register for the course will receive a 25% discount on the course cost of \$129 for ASME Members and \$169 for non-ASME Members.

Please feel free to pass on this e-mail and let your friends and colleagues know about this event.

In order to register for the event, or to find out more information about the course, please follow the following links:

8:30AM – 12:30 PM Course:

<http://www.acteva.com/booking.cfm?bevoid=1003161:00PM> – 5:00 PM Course:

<http://www.acteva.com/booking.cfm?bevoid=101230>

This course is being co-sponsored by Blue Ridge Numerics and Enser Corporation. For more information about CFdesign or about Enser Corporation, please click on the following links: <http://www.cfdesign.com><http://www.enser.com>

If you have any questions, please feel free to contact us as [floridasection@asme.org](mailto:floridasection@asme.org)

## Online Mentors Needed for ASME Students (12/15/05)

**A**SME members who specialize in the areas of design, fluids (any industry), manufacturing and aerospace are urged to sign up as a mentor for ASME student members.

Students have requested mentors who have those specializations, though members with any engineering specializations are welcome. We have also had requests for women engineers and engineers working outside the United States.

ASME's online mentoring program is a rewarding experience for the mentor, as well as for the students.

To learn more about the program, or to sign up as a mentor, go to <https://secure.asme.org/signin/ementoring.cfm>.

# Webinar Offerings! See this and other offerings on the ASME web site.

## Renewable & Clean Energy

Webinars, Institutes

January 18 2006, 12:00 PM - 01:30 PM, Wednesday  
Eastern Daylight Time (New York)

Description:  
Lunch-time web seminar

Contact information:  
Shiao-Chuan Kung, [KungS@asme.org](mailto:KungS@asme.org)  
Phone: (212) 591-7423, Fax: (212) 591-7143

[For more info...](http://elearn.asme.org/webinars/RenewableEnergy.htm)  
<http://elearn.asme.org/webinars/RenewableEnergy.htm>

## Webinar: Liquefied

Webinars, Institutes

February 08 2006, 12:00 PM - 01:30 PM, Wednesday  
Eastern Daylight Time (New York)

Description:  
Lunch-time web seminar

Contact information:  
Shiao-Chuan Kung, [KungS@asme.org](mailto:KungS@asme.org)  
Phone: (212) 591-7423, Fax: (212) 591-7143

[For more info...](http://elearn.asme.org/webinars/LNG.htm)  
<http://elearn.asme.org/webinars/LNG.htm>

## 2006 Canaveral Section Awards Dinner

Dinner choices for the Awards Banquet will be Champagne Chicken, London Broil, and Vegetarian; cost is expected to be approximately \$25 per plate. Awardees and their guest will be guests of the Canaveral Section. The event will be held at the Holiday Inn Oceanfront at 1300 N. Atlantic Avenue (A1A), Cocoa Beach. Event would start at 6:30 with a social. Dinner at 7:00. A speaker and presentation of awards will follow dinner.

Another great opportunity to interact and network with your peers. Bring a spouse or guest and let's have a great time!

## Spring 2006 Events January 2006-June 2006

Mark your Calendars - 2006 Canaveral Section Events					
Date	Event	Location	RSVP Date	Contact	Contact Info
Jan 24	Annual ASME Canaveral Section Awards Dinner	Holiday Inn Oceanside Cocoa Beach, FL	Jan 15, 2006	Dan Johnson	<a href="mailto:johnsond2@asme.org">johnsond2@asme.org</a>
Feb	E-Week Banquet	TDB	TBD	<a href="#">Tom Moriarty</a>	<a href="mailto:tjmpe@alidade-mer.com">tjmpe@alidade-mer.com</a>
Mar	Joint Meeting w/ Student Section Dinner and Sr. Design Project Presentations	FIT Campus	TBD	JD Van Gilder	<a href="mailto:jvangild@harris.com">jvangild@harris.com</a>
Apr	Manufacturing Plant Tour	TBD		<a href="#">Tom Moriarty</a>	<a href="mailto:tjmpe@alidade-mer.com">tjmpe@alidade-mer.com</a>
May	FIT Lab Tour	TBD		<a href="#">Tom Moriarty</a>	<a href="mailto:tjmpe@alidade-mer.com">tjmpe@alidade-mer.com</a>
Jun	End of the Program Year			<a href="#">Tom Moriarty</a>	<a href="mailto:tjmpe@alidade-mer.com">tjmpe@alidade-mer.com</a>



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