

Executive Committee

Chair

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

Vice-Chair

Hugh Bain
ehbain@rockwellcollins.com

Treasurer & Student Section Advisor

John Van Gilder
jvangild@harris.com

Secretary

Will Judd
Judd, William E
william.e.judd@boeing.ksc.nasa.gov

FIT Student Section Chair

Ian Trulson
itrulson@fit.edu

Industry Relations & Professional Development

Scott Seigel
seigels@emscoolheat.com

Membership Development

Leanna Konowicz

Minorities & Women

Stephanie Hopper

Newsletter Editor

~ Open Position ~

FSEC Representative & WEB Masters

Dave Chasar
dchasar@fsec.ucf.edu

See Our Web Page for Contact

Information:
<http://sections.asme.org/canaveral/>

Message from the Chair...

It's hard to believe, but our Fall schedule of events is coming to a close with our sixth and final event of 2005. Since September we have run the gambit of federal government, county government, small business and large business representation. We had some very enlightening presentations on Space Shuttle Solid Rocket Booster recovery, a rare tour of a Coast Guard cutter, a discussion on environmental issues related to Brevard County's fresh water supply. In addition we were able to highlight some of our local businesses with engaging presentations and demonstrations; such as avionics development for the Boeing 787, innovations in locomotive operations, and a form of rapid prototyping that is very quick and cost effective. Our final event will be a presentation on composites by our local expert Dr. Ron Reichard, president of Structural Composites, Inc. The presentation will occur on December 14th at the Florida Tech Campus. If you haven't attended an event this fall, please join us to hear an expert in the field of composite materials and network with your peers. Contact me (tjmpe@alidade-mer.com) for more info.

The Canaveral Section Board would like to get some feedback on the program of events we lined up for you this Fall. Let us know what you thought of the schedule, if you would rather have more formal dinner events or if you would prefer different types of events. We are in the process of developing a Spring schedule of events which already includes our Annual Awards Dinner on January 24th, 2006 and the E-Week Banquet that is sponsored by the CCTS in February. The Board has had some discussion about organizing an event to highlight the small businesses and independent engineers in our midst. Contact one of our board members if you have suggestions or comments on the concept. We value your feedback.

Speaking of the Annual Awards Dinner, I'd like to invite you, 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 of support, 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.

Best Regards!

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>.

A new resource, ASME Solutions, is now available for companies that want to improve their productivity and gain a competitive advantage in today's global marketplace.

ASME Solutions is designed to work with businesses to create a professional development path for engineers and technicians, by providing continuous training, certifications and career development opportunities for companies that want to stay on the leading edge of technological advances.

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.

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.

Meetings will typically be held on the third Friday of the month.

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>

More Observations About Our Section Members

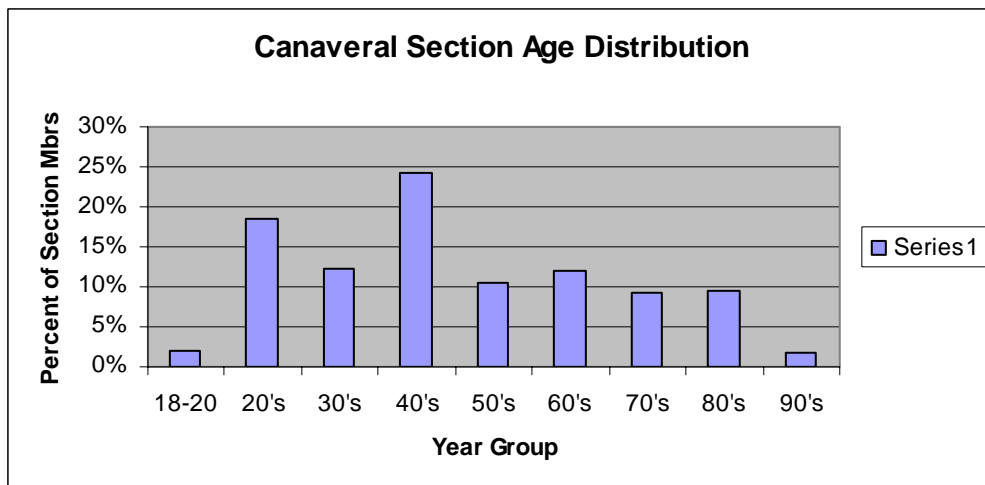
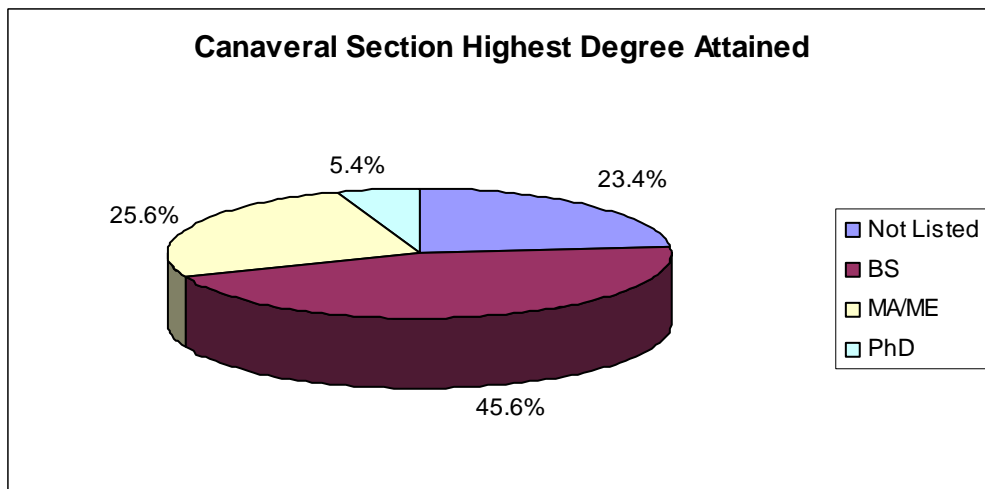
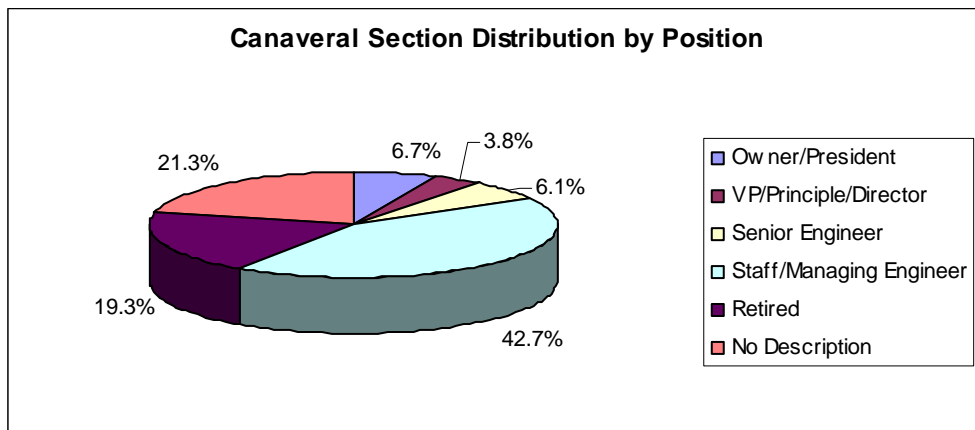
Being a curious person I continued to analyze our section membership. As you may recall, in previous Newsletters I pointed out some of the characteristics of our section. Earlier analysis looked at the number of persons that were ASME members employed by various organizations in our geographic area and we explored the technical sections that our members were associated with. In this Newsletter, I took a look at general position within the members organization (owner/president, VP/Principle/Director, Senior Engineer, Staff/Managing Engineer and retired status), highest degree held (not-reported, BS, MA/MS/ME, PhD) and a look at our demographics (grouped by decades).

So what did the data show? With regard to employment positions we have a relatively representative distribution of employment levels. Of the one in five of our members didn't list a description for their job position over half were our student section members. Upon closer review, the others were a mix of retirees and affiliates. One member of every 14 is an owner/president of a company. One in 10 of our members are what I would refer to as senior persons within their organization. The backbone of our organization is the staff/managing engineer group.


Educationally, it was impressive to see so many advanced degree holder; MA, ME and MS degrees and PhDs. The "not listed" category reflects the number of student section members and affiliates as well as experienced engineering technicians.

The section's demographics are interesting. I'm somewhat curious about the spike associated with those of us in our 40's (perhaps we are looking for an outlet while raising teenagers!). It is great to see our most experienced members (those in their 70's and above) continuing to stay engaged.

This information has been presented purely to educate the Section on who we are and what we do. I hope it has been interesting for you and I look forward to meeting each of you throughout the remaining program year.



Thanks to Our Sponsors!



KEN BRACE
1335 Gateway Drive, Suite 2016
Melbourne, Florida 32901
Tel.: 321.984.8666 x201
Fax: 321.724.8822
Mobile: 321.536.2611
kbrace@turnkeyeg.com
www.turnkeyeg.com

RAPID PROTOTYPING SERVICES
FDM (Fused Deposition Modeling)
Material ABS (white, red, yellow, green, blue, gray, black)
Build Size 23.5" * 19.5" * 23.5"Z
Quick turn-24 hours in most cases




Tom Moriarty, PE, CMRP
President

Alidade MER, Inc.

tjmpe@alidade-mer.com
321-773-3356
www.alidade-mer.com

Reliability Solutions

SETTING A COURSE FOR
HIGH PERFORMANCE



Jerry Forrester
Center Manager

2700 W. New Haven
Melbourne, FL 32904-3706
Telephone 321.725.7556
Fax 321.725.7569
mgr5900@fedexkinkos.com

Office and Print Services



ProAero Technology
Engineering Consulting and Turn-Key CFD

Matthew Tremmel

(407) 563-1261 (Office)
info@proaerotechnology.com
www.proaerotechnology.com

ProAero Technology, LLC
641 Nightingale Dr.
Indialantic, FL 32903

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. A receipt will be provided for your tax records.

Contact Person:

Date:

E-mail:

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

How to turn Maintenance into a Profit Center **Webinar**

Wednesday, December 7, 2005
12 Noon - 1:30pm Eastern Time

registration fee:
member \$249
non-member \$299
[register now](#)

Maintenance costs are going up at an average rate of 15% per year. The total cost of maintenance in public and private sectors is hundreds of billions of dollars. In many operations, maintenance accounts for 15 to 40 percent of total costs of operations.

As global competition intensifies, operational executives are adopting new concepts and technologies to increase productivity and quality. Yet, many overlook the most important operational support system - the maintenance organization. While maintenance is traditionally under utilized, proactive organizations are increasingly recognizing the impact of maintenance on increased equipment availability and utilization, on increased quality, and thus on resultant competitiveness and profitability. Maintenance is becoming a focus for competitive advantage.

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!

Fall 2005 Events

October 2005 - January 2006

Mark your Calendars - 2005 Canaveral Section Events					
Date	Event	Location	RSVP Date	Contact	Contact Info
October 5	Indian River Lagoon Salinity Study	FSEC	Oct 3	Alan Zakaluk	azakaluk@harris.com
October 20	US Coast Guard Cutter CONFIDENCE Tour	US Coast Guard Moorings Port Canaveral	Oct 15	Tom Moriarty	tjmpe@alidade-mer.com
November 2	Rockwell Collins Tour	Rockwell Collins Melbourne Facility	Oct 28	Hugh Bain	ehbain@rockwellcollins.com
November 17	Turnkey 3-D Printing (Solid Modeling)	Turnkey Electronics, 1335 Gateway Dr., Suite 2016, Melbourne, FL 32901	Nov 14	Dan Johnson	Johnsond2@asme.org
December 14	Structural Composites, Inc., Composites Presentation	Florida Tech	Dec 10	Tom Moriarty	tjmpe@alidade-mer.com
January 24	ASME Canaveral Section Annual Awards Dinner	Cocoa Beach Holiday Inn Oceanside	Jan 12	Dan Johnson	johnsond2@asme.org



**AMERICAN SOCIETY
OF MECHANICAL
ENGINEERS**

CCTS
P.O. Box 245
Cape Canaveral, FL 32920

