

THE CANAVERAL FLYER

A Newsletter of the Canaveral Section of ASMEI

Volume 42, Issue 10

June 2002

Executive Committee Chair Scott E. Seigel Work: 407-736-7839 Home: 321-255-1965
Executive Committee Vice-Chair Hugh Bain Work: 321-953-1812 Home: 321-768-0358
Treasurer Tim Ehlers
Secretary Will Judd
College Relations (FIT) Pierre Larochelle, PhD, PE pierrel@fit.edu
Honors & Awards Chair Jim Phillips, PE
Industry Relations Keith S. Conaughty, PE 321-853-6434
Membership Development Korie Carter 321-777-9331
Member Interests Mark Greby, PE
Minorities & Women Stephanie Hopper
Newletter Editor Hugh Bain
Professional Development Scott E. Seigel
FSEC Representative Dave Chasar
FIT Student Chair Morgan Plamondon



A Letter from the Chair



June's Meeting:



HOT DOGS...

POPCORN....

BASEBALL!!!

WHEN: SUNDAY, JUNE 16TH @ 1:00 PM

**WHERE: BREVARD COUNTY'S SPACE COAST STADIUM
Viera, FL**

The Manatees will be hosting the Sarasota Red Sox.

For Questions or to RSVP, Contact Hugh Bain @ 321-768-0358 after 6/8/02,
BUT BEFORE JUNE 12th!!!

*** Inside This Issue ***

**Last Will and Testament
New 2003 Officers take the helm**

**3
10**

Outgoing Canaveral ASME Section 2001-2002 Officer Listing

Executive Committee Chair

Scott E. Seigel
Scott.e.seigel@swpc.siemens.com

Executive Committee Vice-Chair

Hugh Bain
ehbain@rockwellcollins.com

Treasurer

Tim Ehlers
Debtimehlers@cs.com

Secretary

Will Judd
WEJudd@kscbna.ksc.nasa.gov

Executive Committee Advisors

Jack Wiles, P.E.
jwiles@webtv.net

Tal Webb, P.E.
WEBBJ@ASME.ORG

Bob Bosnak, P.E.
betaboz@aol.com

Marv Yarosh, P.E.
yarosh@fsec.ucf.edu

Industry Relations Chair

Keith S. Conaughty, P.E.
keith.s.conaughty@lmco.com

Newsletter Editor

Hugh Bain

Honors and Awards Chair

Jim Phillips
phillipj@xch-bsco-02.ksc.nasa.gov

Membership Chair

Korie Carter
since88@bellsouth.net

Government Relations Chair

Dale A. Shepherd, P.E.
dshepherd@h2energyinc.com

Young Professional's Committee

Dan Johnson, FL Institute of Technology
djohns08@harris.com

Scott Mimbs, Cocoa High School
Scott.mimbs@swpc.siemens.com

Nina Webb
WEBBJ@ASME.ORG

Women and Minorities Committee

Stephanie Hopper - Chair
STHopper@xch-bsco-06.ksc.nasa.gov

Faye Tomimbang
faye.m.tomimbang@usago.ksc.nasa.gov

Programming and Publicity Committee

Hugh Bain - Chair

Diane Nguyen
diane.n.nguyen@lmco.com

Professional Development Committee

Scott E. Seigel - Chair

Nick Noparat
nnoparat@genphysics.com

Steve Herridge, P.E.
stephen.m.herridge@usago.ksa.nasa.gov

Marvis Sylvers
marvis.y.sylvers@lmco.com

College Relations Chair

Pierre Laroche
pierrel@fit.edu

FIT Student Section President

Morgan Plamondon
mtmons@aol.com

Member Interests Chair

Mark Greby
mark.j.greby@usago.ksc.nasa.gov

FSEC Representative

Dave Chasar
dchasar@FSEC.UCF.EDU

ASME Chairman's Last Will and Testament

Such a serious title you say! Or not... well if you haven't guessed it, this is my last letter as Executive Chairman of your CANAVERAL SECTION. Two years is a long time if you are looking ahead however looking into the past it has almost been a blink of an eye changing me forever.

When Jack Wiles phoned a little over 2 years ago asking if I would take the helm, I was scared. That's right scared. Keith Conaughty had done such an extraordinary job as Executive Chairman, who was I to fill his shoes. After all he had led our section to be honored as Most Improved Section in the Region XI his first year and BEST SECTION IN REGION XI his second year. Though we didn't find out until a few months later, Best ASME Section in the organization. How could I improve on what Keith had done? At first I attempted to do all the work I perceived Keith was doing and was overwhelmed by the responsibility. I was getting extremely frustrated and finally called Keith, asking his secret. He said the key word was "delegate". So I started asking other board members for assistance each getting a little bit of the pie. IT WORKED! Our section was up and running as before. Before long I realized that I was learning management skills! People, Time, Fiscal, Project, Program Management Skills. WHAT A RUSH!

I realized that there was so much work that we could do...like speak to middle & High School kids about Engineering, better advertisement for our professional development courses, Women & Minority Issues, establish a Web Page, become more involved with our Student Section, and establish a Canaveral Section Scholarship available to both ASME & AIAA student members. We had even aspired to start a Lego Robotics Contest in the Middle Schools starting in Brevard County inevitably reaching out to schools throughout the state of Florida. Perhaps one day this dream will take hold but we will need your help.

To do all this I analyzed the employer structure of our section board members realizing that several of the larger space related firms had members however none of them were active in the Executive Board. I sent out e-mails requesting their assistance not asking these Canaveral Section members to do much but to show up at an Executive Board meeting to have some input into what we do.

Korie Carter accepted my offer as Membership Chairman over several e-mails. We did not meet for almost 6 months. She performed outstanding and if there were awards for being Membership Chairman she no doubt deserves it.

Dan Johnson, who was outstanding as our FIT Student Liaison this past year, is so much appreciated. I have never seen so much student/senior section interaction as I did this past year. When I attended the University of South Florida (USF) as a student ASME member, the interaction was far less. I spoke to the FIT student section three times this year and was excited all three times! My favorite visit was just a 2 months ago as they presented their students projects to the senior section. I can only tell you that I was amazed at the research FIT is performing and extremely happy that I did not have to repeat 4 years of college.

Dan could not have not his job as well without Pierre Larochelle, our ASME FIT Student Advisor. I do not know how long Pierre was a SA however, just like Dan; Pierre did wonders with the students. Pierre was always there when I needed advise. Dan and Pierre were both pivotal in helping to establish the ASME FIT Student Scholarship. It would not have been done without there tireless efforts.

Stephanie Hopper, our Women & Minorities Chairman, was also a great find. This year she is just starting to get off the ground with W&M however her efforts taking the lead to schedule our visits and presentations to High School students during Engineer's Week was exemplary. An extreme undertaking which established her credibility as a leader throughout the Canaveral Engineering World. I can not wait to see what Stephanie has planned for this coming year.

ASME Chairman's Last Will and Testament

Jim Philips, our Honors and Awards Chairman, didn't do many honors and awards this year. After all we just have one A&W Dinner in January which honors our 25/50 year service members and a few separate awards. Jim has been part of the Canaveral Executive Board for more years than I know of and I can tell you with absolute truth that this Executive Chairman could not have achieved this high level of excellence without Jim! In the past few years Jim has been, Executive Vice-Chairman, Newsletter Editor, Honors and Awards Chairman, Friend, Newsletter sorter and mailer, and whatever else the Executive Committee has needed him to be. This coming year Jim has volunteered to be Government Relations Chairman. Jim is one of those treasured people that do not want the limelight. Jim's service to the Canaveral Section goes largely unnoticed by most but is greatly appreciated by all that know him.

Tim Ehlers, Treasurer Extraordinaire, has been a blessing. As an ASME member, Tim approached the Canaveral Section. Before long and after 7 proposals, he finally agreed to be out treasurer. Sincere persistence pays well... get it? Tim has graciously agreed to run for Executive Vice-Chair and from the vote tallies I have received, it is unanimous. Tim Congratulations! ... Fiscally yours my friend <:)

Jim Philips must have been hanging around Jack Wiles because either they are made from the same mold or one is a chip off the old block. If you did not know, Jack Wiles is a founding member of our Canaveral Section from 1960. That's correct! Jack, like Jim, is always there when we need him having contacts throughout the Canaveral basin. He gets us into places that I either thought off limits or didn't know existed. His knowledge of our area of the past 50 years is astonishing. At our June 11th Executive Board Meeting, I will formally ask that the FIT scholarship be named the Jack Wiles Scholarship. I hope you will be there for this solemn occasion.

Dave Chasar has exceeded my expectations as our first ever WEBMASTER! Our web page, just like our section is, will soon be the best web page throughout the ASME organization. Dave also serves as our Florida Solar Energy Center (FSEC) Representative, which has proven immensely important in attracting several key speakers regarding fuel cell technology. Several joint society meetings were held at FSEC. Thank you Dave for all you work these past 2 years.

Will Judd spends his time helping several charitable causes throughout our area. When I first approached Will, he was very hesitant about joining our Canaveral Section as Secretary. I let him know that all he had to do was take down the minutes of the executive meetings and publish them. That is all he had to do. Who says this volunteer stuff is difficult or time consuming. What you put into it, you get back many times over. Will has done a great job and is a great asset to, not only the Canaveral Section, the Mechanical Engineering profession period.

Hugh Bain, gave us all a scare several months ago as he was called up to active duty in the aftermath of September 11. After just a few weeks he returned to us after guarding Power Plants throughout the State of Florida. Hugh last year was Secretary graciously accepting my offer of Executive Vice-Chairman for this year. To tell you the truth, I was unsure about asking because Hugh always was very quiet. I was looking for a leader to be my replacement. At this moment I can proudly state that I made right decision. In the past year, Hugh's work as Programs Chairman has been excellent arranging great tours and speakers this past year. He will make an outstanding Executive Chairman and looking at the ballots, like Tim, his ballots were all unanimous! Other ASME members, obviously, have noticed his work also.

ASME Chairman's Last Will and Testament

There are so many others to write about like Dale Shephard, Government Relations Chairman, who helped defeat a Florida House Bill that would have deleted all but one boiler inspector. Our mentors and advisors Tal Webb, Nina Webb, Bob Bosnak, and Marv Yarosh. Regional Director Burt Dicht & Judy Cobb at the Southern Regional Office who have been there when we needed help. We could not have achieved as much without their assistance. Can't forget about K.R. Rao, our illustrious Region XI Vice-President who also provided leadership and guidance when it was needed.

Perhaps I have gone on too long acknowledging so many people but I think not. I thank all of these people and others who have helped us achieve so much.

and if you read through all of this praise know that these
**OUTSTANDING MECHANICAL ENGINEERS ENABLED THIS
SECTION TO ACHIEVE THE UNHEARD OF THIS PAST YEAR
BY REPEATING AS THE BEST ASME SECTION IN THE
WORLD, SOLAR SYSTEM, GALAXY & UNIVERSE.**

Albert Einstein stated it best... Only a life in service of others is worth living.

May G-d bless you all

Scott E. Seigel, 2000-2002 Executive Committee Chairman

RETIREES' CORNER



Treasure Coast ASME Retirees Plans for next Year

Officers:

Ed Holden - Chair;

Maurice Hoyt - Secretary Treasurer

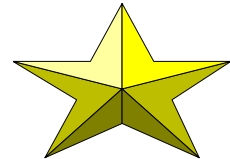
Lee Everett and Kelly Mather - Executive Committee

Beyond the proximity of major metropolitan areas the available number of retirees for membership in an association is rather limited. Thus during a joint board and member meeting of the Treasure Coast ASME Retirees, the attendees confirmed that in order to broaden our operating base, members from other engineering associations should be invited to join. Since engineering projects are invariably structured to include: mechanical, electrical and civil engineers it was proposed that contacts should be made with the IEEE and ASCE associations for lists of retirees who may be resident in the Treasure Coast area. The ongoing search is also intended to include contacts with A/E organizations in the region.

The original diesel power plant in Vero Beach, constructed in 1926 was among one of the very few towns that had facilities to produce power during that period. The large diesel engine therein rated at 750 hp coupled with a 500 kW generator was in operation from 1926 until 1994. Its building is now being prepared for renovation and has been designated as a Historical Landmark. The Treasure Coast Retirees will now endeavor to establish whether the diesel therein is eligible to become designated as an ASME Landmark.

A word from our new Membership

Chairman ***** Leanna Konowicz*****



For the upcoming year, I plan to get a feel for the trends concerning location, occupation, and background of our members including those opting to not renew. It will be nice to get more members actively involved and excited about our Canaveral Section. Someone who is participating regularly will most likely want to remain in our section and be helpful in obtaining more input on our goals and events.

As a new member to the section, I'm still getting to know a lot of our members. I hope I get a chance to meet or talk to most of y'awl and address any concerns that would prompt you to decide not to renew your membership. I also plan to help out in our activities and be a familiar encouraging face to anyone wanting to participate, just as Scott has done for everyone this year.

Leanna Konowicz, Membership Chairman 2002-2004

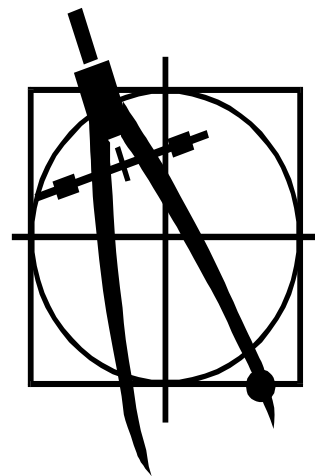
What's Happening Next year @ F.I.T. ?

Date	Topic	Speaker
Sep. 4 Wednesday	Benefits of ASME Membership	Scott Seigel ??
Oct. 2 Wednesday	Design Process & Design to Unit Cost Principles	Bill Vitaliano – Harris Corp.
Nov. 6 Wednesday	Personal Watercraft Industry	TBD - Bombardier
Dec. 4 Wednesday	Combined Holiday Meeting with Senior Section – Dinner Cruise on River ??	TBD
Jan. 8 Wednesday	Entrepreneurship in Engineering – Pro's & Con's of owning your own business	Steve White - SWE
Feb. 5 Wednesday	Aspect of the Space Shuttle Program	Mark Greby ??
Mar. 5 Wednesday	Interview Process – What are companies looking for? What are you looking for?	TBD
Apr. 2 Wednesday	Joint Dinner with Canaveral Section – Student Design	

We need to get more participation in the Student Section. We will do this through telling people about the organization, both at Florida Tech and ASME in general. We would like to get a mentor system established between upper & lower classman so to instill the advantages of mentoring. We also want to work closer with the Senior section to help provide give aways for meetings promoting ASME and financial support to purchase the new set of FE review material and continue the scholarship program.

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.

-Dan Johnson



FY 2003 Government Relations Objectives

The overriding goal of ASMEI emphasizes the engineer's responsibility to the public interest. Engineers – on a national and local scale - contribute to the public policy-making process by providing government decision makers with technical information needed to make informed decisions with regard to technical and related issues. By direction of the Board of Government Relations, ASMEI conducts programs to facilitate the member's participation in this process by presentation of non-partisan analysis, study or research; informal briefing for government personnel; formal comments on proposed legislation or regulation and testimony before government bodies.

My responsibilities - as I see it - are to facilitate the processes of the Board of Government Relations by providing local commentary and support in order that the objectives of the board are achieved. In regard to the above, my goals for the 2002-03 year are as follows: 1) Establish a "What's Cooking in Government Relations" column in the monthly newsletter to keep members informed of the state and national issues that are pending before our legislative bodies as well to inform them of some elements of the government relations process of which they are most likely not aware; 2) Establish member response surveys by e-mail to poll members on key issues which are pending; 3) Establish e-mail contacts with major government bureaucratic and legislative decision makers so that members can contact those individuals directly if so desired; 4) Recruit members to be involved in: a) state government coordinator, b) Washington Visitation and c) government relations fellowship programs sponsored by the GR Board and 5) recruit a FIT junior or senior to compete for the Washington Internship for Student of Engineering (WISE) position available through the GR Board.

Jim Phillips
Government Relations Chair
Executive Board, Canaveral Section of ASMEI



What's Happening Next year @ Cocoa High ?

Cocoa High has a new Principal, Lori Backus, who is very fired up to help a school that has had very bad press over the years. Mrs. Backus has made many changes this year and my visits to the campus have been very positive. One very positive change is a one-on-one community mentoring program, where each in-coming Freshman can get a mentor from the community. If anyone is interested, please email me at my email below and I'll forward your name to CHS.

I met with Mrs. Backus and Raul Montes, head of the Science Department recently to plan what the ASME could offer CHS. Both were very receptive. Mr. Montes had some immediate requests, which I'll list below. The first task I have is to put together a list "experts" that could be available to assist students on research projects. If you have a specialty, by either vocation or avocation, please let me know and I'll add you to the list. This is not the same as mentoring, as it will be for very specific projects, for a very limited time. I am hoping we can use this list for other schools also. Here is Mr. Montes' CHS Wish list:

"Experts in..."

- water filtrations methods
- methods for measuring gravity here on Earth and in space
- farm raising barnacles... I know it might be out of your realm... but I am looking for someone that can help a student set up aquariums to raise barnacles

Equipment

- the use of a mass spectrometer
- the use of an electron microscope to take pictures

Let's help our kids succeed - lend a hand today!

Scott M. Mimbs

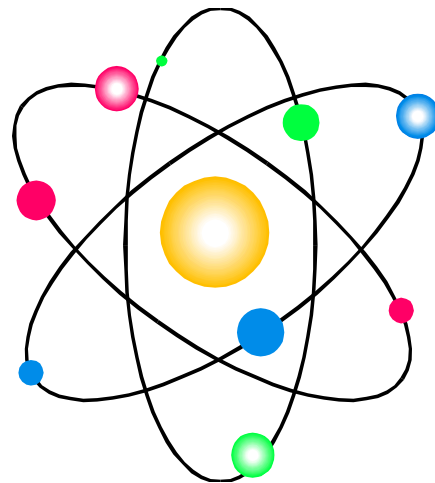
407.736.6887 Office

407.736.5404 Fax

321.223.3803 Cell

321.631.7806 Home

scott.mimbs@siemens.com





**AMERICAN SOCIETY
OF MECHANICAL
ENGINEERS**

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

**NON PROFIT ORGANIZATION
U.S. POSTAGE PAID
PERMIT NO. 138
COCOA, FL 32922**

