



# THE CANAVERAL FLYER

A NEWSLETTER OF THE CANAVERAL SECTION

OF ASMEI

VOLUME 42, ISSUE 4

DECEMBER 2001

<p>Executive Committee Chair Scott E. Seigel Work: 407-736-7839 Home: 321-255-1965</p>	  <p style="text-align: center;"><b>Holiday Party on the Cocoa Belle</b> <b>December 13th 5:30pm</b></p> <p style="text-align: right;">The Chair's Corner</p>
<p>Executive Committee Vice-Chair Hugh Bain Work: 321-953-1812 Home: 321-768-0358</p>	<p>Much has happened in the world since I last wrote and much is happening with your Canaveral ASME Section also. First the Fracture Mechanics Class has been rescheduled for April 2-4, 2002 due to an illness in the instructors family. I will advise to not wait for March 30 to register. The Negotiations Class has been cancelled due to the instructor's conflicting schedule We had almost 100 people show up for our last meeting featuring Susan Sinnot's presentation on Nanotechnology. A great presentation on the future of Science showing us that the Start Trek World is much closer than we think.</p>
<p>Treasurer Tim Ehlers</p>	<p>The Florida Association of Science Teachers (FAST) Conference was a great success as over 1000+ Teachers registered. All Teachers who taught 6<sup>th</sup> Grade and higher were extremely pleased to know that there was another resource for them to utilize. I spoke with Neville Brass, Executive Chairman of the Florida West Coast Section, the following Saturday and he had already received a few calls from Teachers seeking assistance. I figured even before the conference that either my bretheran Executive Chairmen will appreciate this effort or they will not. It is a lot of work logistically helping these Teachers. My deepest appreciation to all who volunteered at our booth especially Arnold Rothstein who drove up from South Florida to help in this endeavor.</p>
<p>Secretary Will Judd</p>	
<p>College Relations (FIT) Pierre Larochelle, PhD, PE pierre@fit.edu</p>	
<p>Honors &amp; Awards Chair Jim Phillips, PE</p>	<p>A Science Teacher from DeLaura Middle School, Maggie Molledo, contacted our Section to help with her students. If your child attends DeLaura and you would like to volunteer please call me at 255-1965.</p>
<p>Industry Relations Keith S. Conaughty, PE 321-853-6434</p>	<p>Our Women and Minorities Chair, Stephanie Hopper, has attended the ASME Annual Conference in New York City this past month. I am sure you will find her article very interesting. Hopefully she has brought back good news that for the second consecutive year the Canaveral Section has earned the distinction of being the BEST ASME Section in the World. People ask me if it's the leadership... I just say that it's the volunteers of our section who take time out of their busy lives to better our small neck of the woods. When's the last time you volunteered to make our neck of the woods a little bit better? If you think that you do not have the time let's compare;</p>
<p>Membership Development Korie Carter 321-777-9331</p>	
<p>Member Interests Mark Greby, PE</p>	<p>I am:</p> <ol style="list-style-type: none"> <li>1. A single parent</li> <li>2. Work full time 50+ hours a week in Orlando</li> <li>3. Currently working on my Master's at UCF attending 2 courses this semester</li> <li>4. Programming Chairman for a local Lodge of an International Human Rights Group</li> <li>5. Executive Chairman for our Canaveral Section</li> <li>6. Professional Development Chairman for our Canaveral Section</li> <li>7. writing this on a Sunday Afternoon</li> </ol>
<p>Minorities &amp; Women Stephanie Hopper</p>	
<p>Newletter Editor Hugh Bain</p>	
<p>Professional Development Scott E. Seigel</p>	<p>Even with this much work and volunteerism yesterday I went over to Tampa to watch my Alma Mater, University of South Florida, play Liberty University at Raymond James Stadium. I figured it was safe to leave at the beginning of the 3<sup>rd</sup> quarter with USF in the lead 42-14. Look out FSU, UM &amp; UF!</p> <p>What are you waiting for?</p>
<p>FSEC Representative Dave Chasar</p>	
<p>FIT Student Chair Morgan Plamondon</p>	

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**ATTENTION! 9TH INTERNATIONAL CONGRESS ON SOUND AND VIBRATION**  
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# Scott Seigel Wins CCTS's annual "Technical Award"

By Keith S. Conaughty

For those that don't know the Canaveral Section of ASME is one of the founding and most respected members of the Canaveral Council of Technical Societies (CCTS). The CCTS organization is a group made of up of 2 or 3 members from each of the 30+ local technical societies and organizations. CCTS sponsors numerous awards and events throughout the year including the highly successful Space Congress.

This year the Canaveral Section and Scott Seigel were both nominated for awards given by CCTS. While the Section award was given to the Society of Women Engineers (SWE), Scott Seigel was awarded a plaque for his leadership of the Canaveral Section of ASME. Scott was not able to attend the awards ceremony, Keith S. Conaughty accepted the award for him. This seemed very fitting since Keith was awarded the very same award last year and Scott accepted it for him!!!!

The plaque will read:

Due to Scott's guidance and leadership the Canaveral Section of ASME has become one of the premier voluntary organizations in the state and was awarded the Most Outstanding Section in the entire southeastern United States last year. Scott's drive to continue the upward growth of the Section has resulted in several new community involvement's and an increased membership to the Section.

Congratulations Scott!!!!

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## **The Ninth International Congress on Sound and Vibration (ICSV9)** Orlando, Florida July 8-11, 2002

The Ninth International Congress on Sound and Vibration (<http://www.mmae.engr.ucf.edu/icsv9>) co-sponsored by the National Aeronautics and Space Administration (NASA), the University of Central Florida (UCF), and the International Institute of Acoustics and Vibration (IIAV) will be held at the UCF campus in Orlando, Florida, USA, on July 8-11, 2002. Theoretical and experimental research papers in the fields of sound and vibration are solicited for participation. IIAV is an international nonprofit scientific society affiliated to the International Union of Theoretical and Applied Mechanics (IUTAM). IIAV currently has 550 individual members in 55 countries and is supported by 31 national and international scientific societies and organizations. The Ninth International Congress is a part of a sequence of congresses held in the USA (1990 and 1992), Russia (1993 and 1996), Canada (1994), Australia (1997), Denmark (1999), Germany (2000), and Hong Kong (2001). Several hundred participants worldwide attend these conferences.

For further information visit the congress website or contact:

ICSV9 Secretariat  
C/o Dr. Jamal Nayfeh  
College of Engineering and Computer Science  
University of Central Florida  
4000 Central Blvd.  
P.O. Box 162993  
Orlando, Florida 32816-2993  
USA  
E-mail: [ICSV9@mail.ucf.edu](mailto:ICSV9@mail.ucf.edu)  
Tel: 407-823-2455

## **RADIO CITY MUSIC HALL'S HYDRAULICALLY ACTUATED STAGE IS NAMED AN ENGINEERING LANDMARK BY ASME**

Contact: Mel Torre  
Phone:(212)591-8157  
Online: [www.asme.org](http://www.asme.org)

E-mail:[torrem@asme.org](mailto:torrem@asme.org)

**NEW YORK, Nov. 8, 2001** - When Radio City Music Hall opened its doors in 1932, the *New York Times* acclaimed it "the greatest achievement of the theatrical world." *Popular Mechanics* called it a "hall of a thousand illusions." This innovative stage has been the home of the world-famous Radio City Rockettes. Now adding to the accolades of this world-famous entertainment center, The American Society of Mechanical Engineers (ASME International) has designated the hydraulically actuated stage a historic mechanical engineering landmark. A ceremony commemorating the designation will be held on Monday, Nov. 12, at 9 a.m. at Radio City Music Hall.

Built in 1932 by Peter Clark, an internationally known theatrical engineer, its innovative elevator system was a forerunner for other stage designs (including the Metropolitan Opera House) as well as aircraft carrier systems built during World War II.

The movable parts of the world's largest indoor stage consist of three 70-foot-wide sections, each an elevator platform able to descend 27 feet below stage level and rise 13 feet above it. The orchestra "pit" is a fourth elevator with similar mobility. A pair of (water) hydraulic cylinders move each platform independently. Cut into the three stage elevators is a 43-foot turntable able to revolve 360 degrees, creating yet another dimension to the dynamics of the presentation.

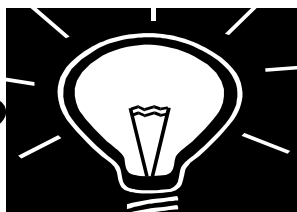
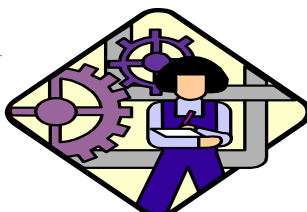
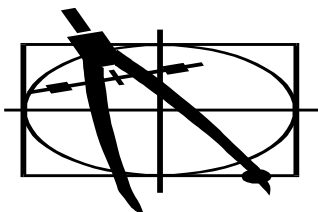
For 69 years, the Radio City Music Hall stage has played a premier role in entertaining more than 300 million people with movies, concerts, special events and America's #1 live theatrical, the Radio City Christmas Spectacular starring the world-famous Rockettes.

To commemorate the mechanical engineering landmark designation, William A. Weiblen, president of ASME International, will present a bronze landmark plaque to John Urban, senior vice president, Radio City Entertainment and general manager of Radio City Music Hall. At a later date, the plaque will be permanently mounted near the hydraulic mechanisms of the stage along the legendary theater's backstage tour route.

"For a moment, let us look beyond the stars, musicians and dancers that dazzle us on the stage, to acknowledge the backstage choreography. The precision 'choreographed' staging of Radio City Music Hall offers size and versatility, unlike any other. The stage represents the best of engineering excellence," said Weiblen.

Since its inception in 1972, ASME International's History and Heritage Program has designated 217 historical mechanical engineering landmarks, heritage collections or heritage sites. Each selection represents contributions made by the technological advances of mechanical engineering and their impact on the quality of life.

The 125,000-member ASME International is focused on the technical, educational and research issues affecting mechanical engineers and the engineering professions. ASME conducts one of the world's largest technical publishing operations, holds numerous technical conferences worldwide, and offers hundreds of professional development courses each year. ASME sets internationally recognized industrial and manufacturing codes and standards that enhance public welfare and safety.



## **ENGINEERS LESS SPECIALIZED, MORE MULTIDISCIPLINARY**

### ***A New Study by ASME Examines Change in Engineering Practice and Education***

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E-mail: [torrem@asme.org](mailto:torrem@asme.org)

Online: [www.asme.org](http://www.asme.org)

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**NEW YORK, Sept. 27, 2001** - Engineers are working across traditional disciplines and collaborating with other professionals as a necessary means to address complex challenges and solve the problems of today's modern technological era, according to a new study by ASME International (American Society of Mechanical Engineers).

The study, *New Dimensions in Multidisciplinary Thinking*, examines change in the way in which engineering is practiced and learned. According to the ASME study, where traditionally engineers worked in narrow and specialized areas, today they function in hybrid fields and move seamlessly among several engineering disciplines.

Multidisciplinary thinking in engineering promotes a systems-oriented approach to technology development, which the study says is the essence of innovation and key driver in the emergence and maturation of such fields as nanotechnology, bioinstrumentation, and micro-electro mechanical systems.

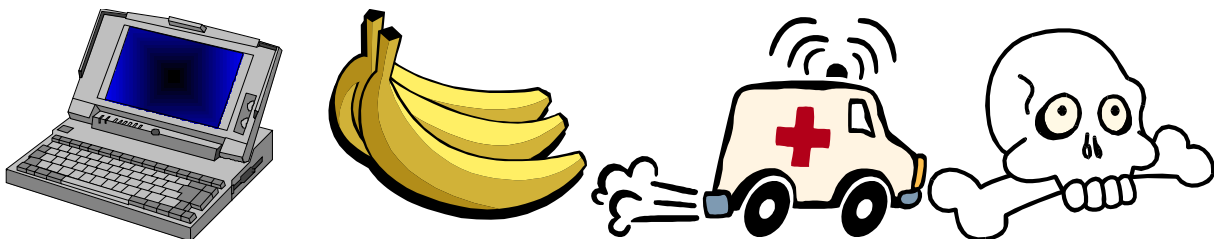
"Multidisciplinary approaches promise to set both the context and the agenda for science and engineering in the 21st century," says the study, which ASME commissioned in an effort to assess the external environment affecting its members and engineering community at large.

According to the study, the multidisciplinary environment blurs the boundaries between traditional technical roles and distinctions and promotes increased teamwork on projects. Multidisciplinary approaches also foster knowledge transfer. Says the study: "Knowledge production is no longer occurring strictly within disciplinary boundaries. Boundaries shift and overlap because ideas and techniques do not exist in a fixed place; engineers carry them through multiple groups and experiences."

Multidisciplinary thinking has been an enabler for the electronic product code and Human Genome Project, among other technology programs.

Multidisciplinary thinking also has implications for engineering education. According to the ASME study, some mechanical engineering programs are changing core courses and adding new electives in biology and chemistry.

The complete study (order number AF0201) is available from ASME, (800) 843-2763. The price is \$20. The discounted price for members of ASME is \$15.





Greetings from Florida Techs ASME Student Chapter!

Our October meeting for the impromptu design contest where attendees built a miniature “raft” with the goal to float it across the resident pool was fun and successful in continuing to introduce new student to ASME. Several application forms were given out and they are beginning to trickle back in.

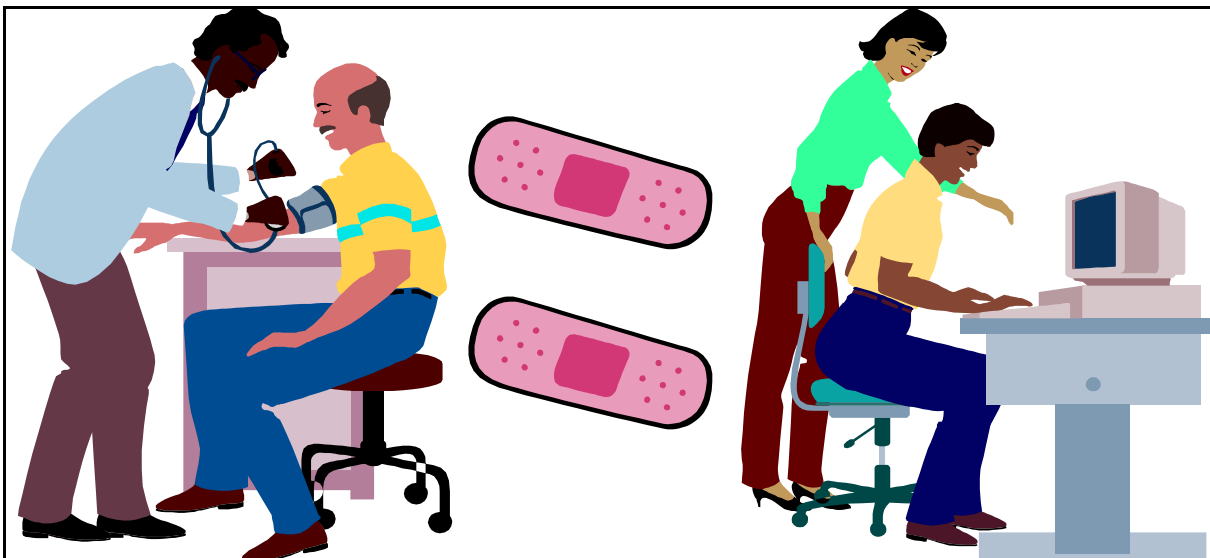
Our November 8 meeting included guest Speaker Mark Greby of United Space Alliance. Mark discussed Solid Rocket Boosters used on the Shuttle Program and the presentation was very well received by the 40 or so students who attended.

On November 9, a small group traveled to Harris Corporations Customer Briefing Center in Melbourne. The 1-hour tour gave good exposure to the variety of products and services offered by Harris Corporations government and commercial divisions. The group went on to bowling party at the Brevard Bowling Center on Dairy Road in Melbourne.

We are wrapping up this semester with final exams during the next couple of weeks so we do not have any events planned in December. We plan on having a tour of the Intersil Semiconductor plant in Palm Bay and hopefully having a guest speaker from the cape to discuss the shuttle program at the January meeting.

The Canaveral Section sponsored scholarship program for a Florida Tech student will be discussed at the next chapter meeting in December at our president’s home. The criteria for the award and a selection committee are being formulated now. I look forward to presenting my findings and recommendations to the Board at that time. The review class in the spring for the Fundamentals of Engineering Test that would be open to all who are interested is in the works but not finalized as of yet. As more information becomes available I will pass it on via the newsletter or a separate e-mail.

If you have questions for me, or if I can help you to get in contact with the student section, my e-mail is [djohns08@harris.com](mailto:djohns08@harris.com).



The Buildings Research Division has a series of new workshops planned for next year at the Florida Solar Energy Center. Many of these courses pertain to the newly revised Florida Energy Code that is set to go into effect January 1, 2002. Other topics include Green Home Designation, Residential Energy Rating and moisture diagnostics. More details are soon to be posted at: [www.fsec.ucf.edu/Ed/Contin\\_Ed/Courses.htm](http://www.fsec.ucf.edu/Ed/Contin_Ed/Courses.htm) - or feel free to email me [dcharar@fsec.ucf.edu](mailto:dcharar@fsec.ucf.edu) with questions

Energy Gauge- Florida Rating Program  
*Class 3 From plans (1 day)*  
*Class 2 Site audit (2 days)*  
*Class 1 Performance based (3 days)*  
 Feb 4-9, April 22-27, June 18-22,  
 Aug 26-31, Oct 21-24, Dec 2-7

Testing for Certified Leak Free Ducts  
 January 31—February 1, 8:00-5:00 (2 day course)

Window Options for Florida Residences  
 January 30, 8:30-12:30

2002 Energy Code Revisions  
 January 30, 1:30-3:30

Florida Green Home Designation Certification Course  
 January 29, March 7, and August 6, 9:00-4:00

Commercial Buildings Under Attack from Uncontrolled Air Flow  
 March 20-21, 8:30–4:00 (2 day course)

Why Did the Ceiling Fall In?  
 March 8 and August 7, 10:00–12:00

EnergyGauge® Pro Hands-On  
 March 8 and August 7, 1:00 – 5:00

Community Energy Assessment  
 March 19, 9:30-4:30

From Blueprints to Residential Energy Code Compliance  
 August 8, 9:00-4:00

Diagnosing Moisture Problems  
 October 11, 8:30-4:00

## TOP 10 REASONS to JOIN THE ASME

by Korie Carter

- (1) The *Mechanical Engineering* magazine looks so impressive on your desk.
- (2) Play a part in the Engineering community, because it takes a "village" of engineers [sniff, sniff].
- (3) The membership dues are tax deductible (in most cases, void where prohibited by law, certain restrictions do apply).
- (4) Plenty of great new job opportunities in the *Mechanical Engineering* classifieds... it's fun just to browse and dream.
- (5) The [www.ASME.org](http://www.ASME.org) site is actually "legal" to surf to at work!
- (6) Lots of ancillary benefits like credit cards, insurance, career consultants... **just in case.**
- (7) Many, many opportunities for **free food** (meetings, picnics, dinners, ceremonies, etc.).
- (8) A chance to **travel** to ASME meetings, congresses, regional events, training courses... all on someone else's budget!
- (9) Pick up some of those precious CEUs at the ASME's **local** training courses - and you might actually learn something, too!
- (10) With Member-get-a-Member and other promotional campaigns, you can actually **earn extra money!**



**ATTENTION!**  
**ASME INTERNATIONAL**  
**CODES AND STANDARDS:**



**ASME BOILER AND PRESSURE VESSEL CODE**

There are two ASME International Codes and Standards activities being held in Florida, in December of this year:

**1)** The third North American Seminar on the ASME Boiler and Pressure Vessel Code and the EC Pressure Equipment Directive (PED): The seminar will be held in Delray Beach on December 6-7, 2001. The purpose of the seminar is to provide “how to” information on using the ASME Code to meet the PED, and hear from an Italian manufacturer of how he used Section VIII Div 2 with some supplemental steps to be CE marked and installed in Portugal. Registration cost before November 7, 2001 is \$350.00. After that date, the cost is \$395.00, if space is available. Meeting location is the Delray Beach Marriot.

For additional information, you can contact:

Mark Sheehan, Director, Pressure Technology Codes and Standards, AS-  
MEI

Telephone: 1-212-591-8530, FAX: 1-212-591-8501

e-mail: [sheehanm@asme.org](mailto:sheehanm@asme.org)

-OR- Visit the ASME website at [www.asme.org](http://www.asme.org) and click on Codes and Standards

**2)** One of the regular periodic meetings of the ASME Boiler and Pressure Vessel Code will be held in Boca Raton during the week of December 10-14, 2001. The Main Committee meeting takes place on Friday, December 14th. Subcommittee meetings (such as I, III, VIII) precede the Main Committee earlier in the week. Meetings are open to the public. Visitors are encouraged to participate on agenda items in which they are knowledgeable.

Boca Raton Resort & Club

501 East Camino Real

Boca Raton, Florida 33432

Reservation Phone Number: 888-503-2622

Reservation Fax Number: 561-447-5065

<b>COMMITTEE</b>	<b>DAY</b>	<b>TIME</b>
<b>Subcommittee on Power Boilers Section I</b>	Thursday Dec 13	8:30am to 3:30pm
<b>Subcommittee on Materials Section II</b>	Tuesday Dec 11	8:00am to 5:00pm
<b>Subcommittee on Nuclear Power Section III</b>	Thursday Dec 13	8:00am to 4:30pm
<b>Subcommittee on Heating Boilers Section IV</b>	Wednesday Dec 12	9:00am to 4:30pm
<b>Subcommittee on Nondestructive Examination Section V</b>	Thursday Dec 13	8:00am to 12:00pm
<b>Subcommittee on Section Pressure Vessels VIII</b>	Thursday Dec 13	8:00am to 3:30pm
<b>Subcommittee on Welding Section IX</b>	Tuesday Dec 11	8:00am to 12:30pm
<b>Subcommittee on Inservice Nuclear Inspection Section XI</b>	Thursday Dec 13	8:30pm to 4:00pm
<b>Subcommittee on Transport Tanks</b>	Tuesday Dec 11	9:30am to 12:30pm
<b>Boiler and Pressure Vessel Standards Committee (Main Committee)</b>	Friday Dec 14	8:30am to 2:30pm

**Meetings of the ASME BOILER & PRESSURE VESSEL CODE**  
**At the Boca Raton Resort&Club, 501 East Camino Real, Boca Raton**  
**December 10-14**

# FRACTURE MECHANICS APPROACH TO LIFE PREDICTION

## WHAT YOU WILL LEARN

This course will provide you with a practical understanding of fatigue and fracture calculations. It is pertinent to engineers who are required to perform such calculations, or who specify or evaluate testing and draft fatigue or fracture portions of design requirements. You are exposed to state-of-the-art methodologies such as the API 579 procedure and the British Standards PD 6493 approach. Related subjects such as damage tolerance analysis, reliability, and risk-based inspection will be discussed briefly.

## BENEFITS

- Become familiar with the underlying assumptions and limitations of fracture mechanics.
- Gain a better understanding of material selection for fatigue and fracture resistance.
- Learn how to perform simple to moderately complex fracture mechanics calculations.
- Learn about codified procedures for flaw evaluation.

## WHO SHOULD ATTEND

Engineers who work with mechanical design, mechanics and structures as well as those involved in testing and equipment fabrication.

## SPECIAL FEATURE

- Receive the textbook *Fracture Mechanics: Fundamentals and Applications*, by T.L. Anderson

## COURSE HIGHLIGHTS

Linear elastic fracture mechanics

- Energy release rate parameter
- Stress intensity factor
- Examples of K solutions for structures and test specimens
- KIC testing

Fatigue initiation

- Mechanisms of crack nucleation
- Strain life curves

Fatigue crack growth

- Paris equation
- Life prediction
- Crack closure
- R ratio effects

Environmental cracking and corrosion fatigue

- Stress corrosion cracking
- Hydrogen embrittlement/hydrogen assisted crack growth
- Corrosion fatigue

Elastic-plastic fracture mechanics

- Crack tip opening displacement (CTOD)
- J integral
- ASTM Standards

Variable amplitude loading

- Fatigue retardation
- Life prediction models
- Cycle counting

Fracture control

- Leak before break criterion
- Failure assessment diagrams
- British Standards PD 6493 Method
- API 579 Method

Fatigue design

- Geometry considerations
- Material selection
- Damage tolerance analysis
- Defining inspection intervals

Probabilistic fatigue and fracture analysis

- Effect of uncertainty on input data
- Probability of detection curves
- Risked-based inspection

Fractography and failure analysis

- Ductile fracture (microvoid coalescence)
- Brittle fracture (cleavage)
- Ductile-brittle transition
- Fractography of fatigue failures

Fatigue behavior of various materials

- Steels, Aluminum alloys, Titanium alloys
- Polymers, Composites, Ceramics

**Date:** April 2-4, 2002 **Cost:** \$1295

**Location:** Cocoa Beach Hilton

**Contact your ASME Executive Chairman Scott Seigel at [scott.e.seigel@swpc.siemens.com](mailto:scott.e.seigel@swpc.siemens.com) or 321-255-1965 to Register.**

## HOTEL INFORMATION:

### **Cocoa Beach Hilton**

Hotel Rate \$89 Contact Scott Seigel prior to making hotel reservations

**Feb. 26, 2002**

**Practical Customer Skills in Project Management**

In this highly interactive course, learn how to effectively communicate with internal staff, supervisors, and clients to determine realistic project goals and how to achieve them. You will also learn how to position yourself as a valued partner and a valuable resource in problem solving. This course offers a hands-on approach utilizing practical skills you'll use on daily business situations. You will leave the day prepared to become a problem-solver and ready to foster valued partnerships with your customers.

**Cost: \$195**

**April 2-4, 2002**

**FRACTURE MECHANICS APPROACH TO LIFE PREDICTION**

This course will provide you with a practical understanding of fatigue and fracture calculations. It is pertinent to engineers who are required to perform such calculations, or who specify or evaluate testing and draft fatigue or fracture portions of design requirements. You are exposed to state-of-the-art methodologies such as the API 579 procedure and the British Standards PD 6493 approach. Related subjects such as damage tolerance analysis, reliability, and risk-based inspection will be discussed briefly. **Cost: \$1295**

**March 5-7, 2002**

**FAILURE, FAILURE PREVENTION AND REPAIR OF PRESSURE VESSELS, PIPING, BOILERS AND ROTATING MACHINERY:**

**With Life-Extension Considerations**

Purchasing, fabricating, maintaining and repairing equipment at the lowest possible cost while assuring non-failure is always a priority. You will examine case studies detailing companies who have saved millions of dollars by successful repair welding of pressure vessels, turbines, boilers, piping, gears and other parts as a result of carefully planned and supervised procedures. Then you will make comparisons with similar situations in other plants where lack of available experience and expertise resulted in unnecessary dismantling and/or replacement of the same parts or components. Take this seminar and learn how to:

- Detect types and causes of failures
- Properly interpret nondestructive test results
- Make the right decision on equipment life-extension
- Analyze financial considerations before you repair/replace

**Cost: \$1295**

Name \_\_\_\_\_

Company \_\_\_\_\_

Street Address  
\_\_\_\_\_

City/State/ Zip  
\_\_\_\_\_

Phone \_\_\_\_\_

Visa/MC Credit Card #  
\_\_\_\_\_

Expiration Date  
\_\_\_\_\_



## Greetings from Vero Retirees



The Treasure Coast ASME Retiree's will meet on Friday, December 14th, 10 am, in the Conference Room of the Senior Center located at 686 14th St, Vero Beach. The Program will include an overview of the Florida Solar Energy Center (FSEC), a research institute of the University of Central Florida. \* A note of interest to us old-timers in the area: The draft of enabling legislation that created FSEC in the middle 70's was drafted under the direction of Canaveral Section Fellow Mark Yarosh who, at the time, was the Executive Director of Florida's Energy Committee.

The second part of the program will be a 3-D simulated walk-through of the planned new Senior Center and will include not only the design features but some furnishing. Narration will be provided by our life member, Kelly Mather, President of the Council on Aging for whom the new Center will be built.

Complimentary coffee and pastries will be provided. Members are encouraged to bring guest and, after the meeting, to join some of the others for a "Dutch" lunch at one of Vero's better restaurants and possibly do some Christmas "window shopping" later.

For further information please contact: Chairman Ed Holden at 561-567 6027 or Secretary Maurice Hoyt at 561-778 7826.

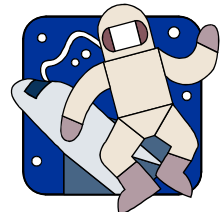
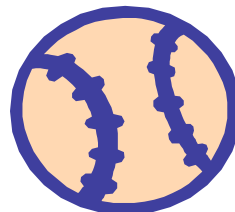
The November meeting of the Treasure Coast ASME Retirees was held at 10 AM on November 16, 2001 at the Conference Room of the Indian River County Council on Aging, 688 14th Street, Vero Beach, Florida. Twenty persons were in attendance.

Ed Holden, Chair, the meeting to order. Ed provided some welcoming comments and then introduced the speakers.

The first speaker was Phil Barth, President of the Barth Construction Company. Mr. Barth presented an overview of the plans for the restoration of the original Vero Beach Power Plant, a building that is a National Historical Site. He showed site plans and photographs. Of particular interest to the mechanical engineers was the future of the diesel engine/generator. A lively discussion followed including several suggestions, one of which was to move the equipment outside in order to free up usable interior space for rental usage. Mr. Barth was receptive to all suggestions. The possibility of designating the engine as an ASME Mechanical Engineering Landmark was discussed and will be investigated by our group.

Margorie Kovacek was the second speaker who presented an overview of the Retired and Senior Volunteer (RSVP) Program of Indian River County. She explained the purpose of RSVP and provided many examples of the various volunteer services that are performed by County Seniors. She also encouraged participation by our group.

The third speaker, Kelly Mather, Board Member of Treasure Coast ASME Retirees and Board President of the Council on Aging, provided a preview of the COA Building to be built on 15th Place, Vero Beach. He provided some architectural plans as well as a brief video showing some features of the new facility.





**AMERICAN SOCIETY  
OF MECHANICAL  
ENGINEERS**

