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

**continuity
& change
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Message from the Chair...

Captain Winston Scott selected for 2005 J. Tal Webb Award!

The J. Tal Webb Award was established in 1993 in honor of our past chair and Regional Vice Presidents from Canaveral and is given out annually at the Canaveral Council of Technical Societies E-Week Banquet. The award is in recognition of diligent service and unselfish devotion in support of the space program. It is to be given to senior managers and technical directors with a minimum of ten years of contribution to the space program.

This year ASME Canaveral Section chose Captain Winston Scott to receive the award. Captain Scott is the Executive Director of Florida Space Authority and he is responsible for the statewide development of space related industrial, economic and educational initiatives. He represents the State's interests in the development of space policies and programs and advises the Governor and Lt. Governor on all civil, commercial and military space matters. Captain Scott has been involved in aerospace, aviation and education for over 30 years. He is retired from the Navy where he served as an aviator flying helicopters and jets. In 1992, Scott was selected to be an astronaut for NASA at the Lyndon B. Johnson Space Center in Houston. He went on to be a mission specialist on STS-72 Endeavor in 1996 and STS-87 Columbia in 1997. Prior to his selection at Florida Space Authority he was a Professor with Florida Agriculture and Mechanical University (FAMU) and Florida State University (FSU) College of Engineering.

Captain Scott exemplifies what a technical background, leadership skills and tenacity that an Engineering career can not only do for the individual, but for the public he serves also.

Congratulations again to Captain Winston Scott on receiving this award and best wishes to him and the Florida Space Authority!

For more information on Florida Space Authority and their mission here on the Space Coast, please visit their web site at www.floridaspaceauthority.com. They also publish a newsletter and the "Florida Space Monthly" is available on the Florida Space Authority website at www.floridaspaceauthority.com/press/fsm.html

As always, please see our web page at <http://sections.asme.org/canaveral/> for further information of this and other events coming up soon.

Dan Johnson

Links to Useful Websites

Southern Field Office: <http://www.asme.org/regions/sro/>

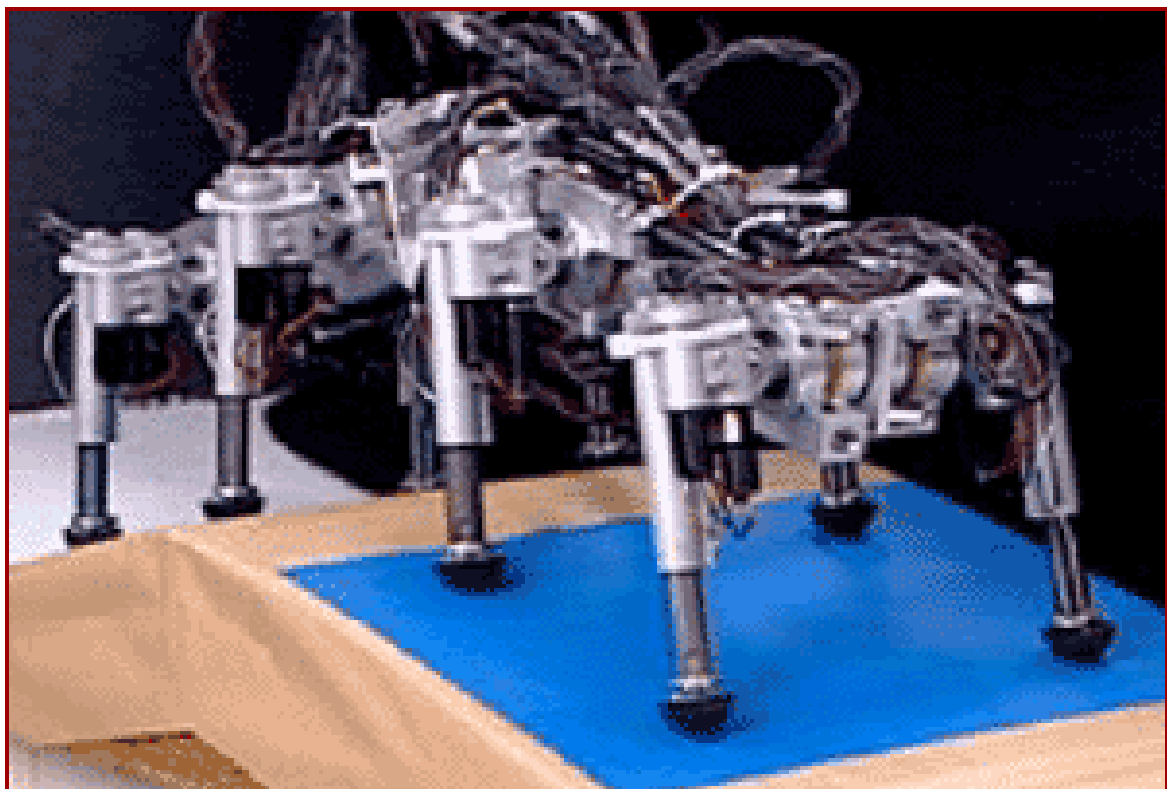
Region XI Home Page: <http://www.asme-xi.org/>

ASME International Home Page: <http://www.asme.org/>

Canaveral Council of Technical Societies (CCTS): <http://www.canaveralcts.org/>



Captain Winston Scott (left) receiving 2005 J. Tal Webb Award from ASME Canaveral Chair Dan Johnson (right)



Robotic Walker developed by Harris Corporation demonstrated at March Florida Tech Student Section meeting

CCTS E-Week Banquet

ASME was chosen to take the lead again this year in organizing the annual Canaveral Council of Technical Societies (CCTS) E-Week Banquet. The event was held at the newly renovated Holiday Inn Oceanfront in Cocoa Beach. We had over 100 in attendance with several local companies who took part as corporate sponsors and then several of the member organizations bought one or more tables for their members to take part.

The Engineer of the Year Award is something CCTS gives out each Engineering Week Banquet and this year it went to James Schick from USA. Jerry Moyer from Bionetics also won an annual award at the event for Engineering Achievement.

ASME Distinguished Lecturer David Alciatore was the main speaker for the evening. His talk was entitled "The Illustrated principles of Pool and Billiards" and it turned out not only to be informative, but very entertaining as well. The interactive presentation used normal and high speed video to illustrate the principles of english, the 30 degree rule and other tips to help us become pool sharks. Dr. Alciatore is a professor with Colorado State University and he has a web site with information about his talk as well as other examples of high speed video he and his students have generated. For more information visit his web site at <http://www.engr.colostate.edu/~dga>.

If you were not able to attend the dinner then you really missed out on a fine event and a very enjoyable evening. Thanks again to the corporate and member societies who took part in this event. Without them the event would not have been able to take place!

Corporate Sponsors

Computer Sciences Raytheon, USA , Northrop Grumman ASG/BMS, Cape Design, SAIC and Bionetics

Member Societies

ASME Canaveral (2 tables), Cape Canaveral AIAA, IEEE Melbourne (2 Tables), IEEE Canaveral (2 tables)

Treasure Coast S.E.A.

The Treasure Coast Senior Section was hit hard by last year's hurricanes and is just now getting back up and running again. Special thanks to Kelly Mather for keeping things together for us down in the Vero Beach area and setting up fine programs for our retired members down there.

On Friday, March 18, Tal Webb spoke to the group on some of the exciting things he worked on in his years at the Space Center. Tal is one of the few remaining folks from this area who has experience working on the first manned space vehicles all the way up to the space shuttle. Tal has a fascinating legacy to share with people and he gives a terrific presentation.

Meetings are 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 mather@iu.net.

What's happening at Florida Tech

Schuyler Ayers, Senior Engineering Manager for Harris Corporation, spoke at Florida Tech on February 16th presenting a variety of projects underway in the Mechatronics department of Harris Corporation's Government Communications Systems Division. He spoke of the challenges involved with pushing technology to the next level and displayed various robotic mechanisms that were either remotely controlled or completely autonomous. After the presentation, a small eight legged robot with 27 degrees of freedom was displayed by Matt Summer. Matt displayed the functionality of this robot, which is capable of transgressing over uneven terrain and climbing vertically through an opening with opposing sides. The presentation and robotics display offered the students a chance to see how robotic mechanisms were being used and the technological advances that are in progress to make them better. Thanks go out to Sky and Matt for an excellent presentation of Harris Corporation's Mechatronics Commitment to Excellence.

The next meeting will be the Annual Canaveral Section-FIT Student Section Dinner meeting where the student design teams get to present their projects to those of us fortunate to attend. The event this year will be held in the Student Union Building, or the SUB as it is known on campus on Wednesday April 12. You won't want to miss out on this event so to sign up or get more information about the event, please contact JD.

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.

E-Week Opportunities

Thanks again this year to Stephanie Hopper for volunteering to be the point of contact for getting guest speakers out to the area schools. This is a chance for working engineers to go out and speak to the elementary, junior high and high school classes and tell them about the wonderful things that engineering brings to their daily lives. It is also a chance to tell them how they can become engineers some day if they have the drive, determination and desire to make it happen.

This year 17 high school and 12 middle school classes had engineers from our community give of them selves and volunteer their time to come in and speak to the students. 300 high school and 200 middle school students got to find out first hand what the typical day for an engineer consists of, how the speakers chose their profession, and what it takes to become an engineer. They also found out about the origin of some of the common everyday things that we tend to take for granted like television, the cell phone, automobile and other engineering marvels that give us the flexibility in our lives we have grown so accustomed to.

If you missed out on taking part in this event and want to get on the list for next year to be a speaker, don't hesitate to contact Stephanie Hopper at stephanie.t.hopper@boeing.ksc.nasa.gov.

NSLD Tour this April!

It was such a big hit the last time we did the USA Facility NASA Shuttle Logistics Depot (NSLD) Tour that we are going to do it again! That's right on Tuesday April 11 starting at 6:00 PM at the facility located on A1A in Cape Canaveral we will go on the tour and see where the shuttle components get maintained to make them safe for flight. You will get to see first hand the electronics, structures and even some of the windows that the astronauts use in their orbital journeys.

We overwhelmed the USA staff with our last visit so they have asked us to keep it small this time so we will be limited to the first 25 to 30 people to sign up get to go on the one hour tour. The tour is limited to US citizens only and you will need to provide a photo identification when you arrive. Don't delay and miss out on this great opportunity! Sign up for the tour by contacting Stephanie Hopper at stephanie.t.hopper@boeing.ksc.nasa.gov.

May Distinguished Lecturer Event

We will enjoy our third distinguished lecturer of the year this coming May 10. We will meet at Florida Solar energy Center on Clearlake Road in Cocoa at 6:00PM for barbecue dinner followed at 7:00 PM for the presentation to listen to Mr. John T. Bozewicz, and his topic will be **"From Engineer to Manager: A Roadmap for a Successful Transition"**.

About the Presentation:

Most engineers will at some point in their careers assume a management role (e.g., as a project manager or team leader) or consider a move into a full-time management position. The change in role is usually quick to occur but in few cases has there been any preparation to assist in a smooth transition. As a result most engineers are not aware of what being a new manager is all about before it's thrust upon them. Would you be ready for the change? What should you really expect? What are the critical things you need to know as a new manager?

This session will be a practical look at some of the key elements in preparing for a successful transition from technical professional to manager. As opposed to being a "How To Manage" session, the speaker will relate lessons he has learned as he crossed over into management and assumed increasingly responsible management positions. He will share lessons from his personal experiences that have enhanced his effectiveness and the "little things" that can assist the attendee in becoming an effective manager - be it as a project manager, team leader or as a full-time manager in a supervisory position. If you are an engineer about to assume a managerial role, an engineer who may be contemplating a move into management or even if you are a new manager who is now experiencing some managerial growing pains, this session is for you. And for the student engineer or early career professional, it's never too early to consider the requirements and steps to be taken in preparing for future management roles and positions.

About the speaker:

John T. Bozewicz is a Division Head at the Naval Surface Warfare Center (NSWC), in Philadelphia, Pennsylvania, responsible for the Machinery Information, Sensors and Control Systems Division at his organization. He has more than 24 years of engineering and management experience in various positions with NSWC. Mr. Bozewicz has a B.S. degree in Mechanical Engineering from Drexel University and an M.S. degree in Engineering Management also from Drexel. He is a graduate of the University of Tennessee's Executive Education Program.

Don't miss out on this opportunity! Mark your calendars and sign up today with Dan Johnson at johnsond2@asme.org.

Student Activity Calendar

April

April 10 Entry Deadline: Solar Splash

April 15 Summer/Fall Student Loans – application deadline

April 15-16 Fundamentals of Engineering Exam

April 30 Human Powered Submarine Contest – Closing Date for application and fee

April 30 2005 ASME Student Mechanism Design Competition – Letter of intent due

Attend your Regional Student Conference

May

May 16 Student Manufacturing Design Competition – project description due

June

June 1 Letter of intent for Hydro Power Contest

June 10 Solid Waste Processing Division – Scholarships for graduate and undergraduate study – application due

June 16-18 Universidad Simon Bolivar's IV Annual Student Engineering Congress – Caracas, Venezuela

June 30 Student Section officer listing due

June 30 Student Section financial report due

July

July 2 2005 ASME Student Mechanism Design Competition – Project report due

HOUSE OF REPRESENTATIVES HONORS ASME ON ITS 125TH ANNIVERSARY

The U.S. House of Representatives passed a resolution congratulating ASME on its 125th anniversary. The resolution, Senate Concurrent Resolution 13 (S.Con.Res.13), which was also passed by the U.S. Senate, recognizes and celebrates the achievements of ASME and its members.

“ASME is proud to be at the forefront of engineering and scientific innovation. We're honored by the congressional recognition given to ASME for 125 years of setting the standard in engineering achievement,” said ASME President Harry Armen. The resolution commends ASME for its “key role in protecting the welfare and safety of the public through the development and promulgation of over 600 codes and standards... routinely used by industry and people in the United States and around the world.” It also notes ASME's role in ensuring “the provision of quality science, technology, engineering, and mathematics education for young people as a way to foster and encourage the advancement of technology.” Introduced by Sen. John Sununu (R-NH), a mechanical engineer, S.Con.Res.13 describes ASME as “one of the premier professional organizations focused on technical, educational and research issues of the engineering community.”

Mentors needed for Engineers without Borders

Do you want to share your experience with engineers who are entering the workforce? There are other ways that you can get involved with student engineers, either through a hands-on project or via email through our partnership with Engineers Without Borders—USA (EWB-USA).

Engineering and allied associations, including the Engineers Week Coalition and industry have the resources and EWB has the program, track record and delivery mechanism for successful on-the ground engineering projects in developing nations. Therefore, we are encouraging our ASME mentors to be a part of this organized effort to assist in the recovery and reconstruction of those countries.

EWB envisions a world in which all people have access to adequate sanitation, safe drinking water, and the resources to meet their other self-identified engineering and economic development needs. Engineers have a central role in building a sustainable future and provide leadership in this direction. With all the communities affected by the tsunami disaster in Southeast Asia, volunteers are needed more than ever.

As a professional member of EWB-USA, you have the opportunity to mentor student projects in your area and across the country. The project mentor oversees all technical aspects of the project and is responsible for the selection of technology, engineering design, prototype testing and field implementation. EWB seeks engineers with an interest and expertise in water resources, renewable energies, structural design, and cultural knowledge.

For complete information on mentoring and to volunteer, visit the EWB-USA website at www.ewb-usa.org/get_involved_professional_mentor.html

2005 ASME International Design Engineering Technical Conferences 29th Mechanisms and Robotics Conference

Invites submissions for the...

2005 ASME Student Mechanism Design Competition
(Graduate and Undergraduate Divisions)

IMPORTANT DATES:

Letter of intent due: May 6, 2005

Project report due: July 1, 2005

Notification to finalists: August 12, 2005

Oral presentations will be given and prizes awarded to finalists at the conference in Long Beach, California, September 24-28, 2005.

For eligibility, submission instructions, and other competition details, please visit...

<http://cronos.rutgers.edu/~pengsong/compete2005>

2005 ASME Intl Design Engineering Technical Conferences

The 2005 ASME International Design Engineering Technical Conferences & Computers and Information In Engineering Conference

Hyatt Regency in Long Beach, California

September 24-28, 2005

On behalf of the ASME Design Engineering Division and the ASME Computers and Information in Engineering Division, it is our great pleasure to invite you to attend and contribute to the 2005 ASME International Design Engineering Technical Conferences (IDETC) & the Computers and Information in Engineering Conference (CIE). This International Conference will take place on September 24-28, 2005, at the Hyatt Regency, Long Beach, California. Technical papers and presentations for the following conferences and their respective symposia are solicited.

* 1st ASME/IEEE International Conference on Mechatronic and Embedded Systems and Applications (MESA05)

* 20th Biennial Conference on Mechanical Vibration and Noise (VIB)

* 25th Computers and Information in Engineering Conference (CIE)

* 31st Design Automation Conference (DAC)

* 10th Design for Manufacturing Conference (DFM)

Brain Teaser

The Brain Teaser is a math or science type problem will be presented and you can respond by e-mail with your solution. For those of you who get the correct answer you will go into the running to get a gift certificate to a local restaurant at the end of our Program Year. The person with the most correct answers wins.

Here are the folks who have met the challenges so far!

Newsletter People who got the Correct Answer

September: David Wadzinski

October: No One

November: Tom Bowman, David Wadzinski, Leon Cole, Willie Daffron, Jack Wiles, Bill Imre

December: Cindy Fortenberry, David Wadzinski, Willie Daffron, Bruce Eddy

January : JD Van Gilder, Willie Daffron, Jack Wiles, David Wadzinski, Cindy Fortenberry, Corey Herbert

February: B. Imre, W. Daffron, C. Fortenberry, JD Van Gilder, B. Cunneen, A. Torsney, C. Herbert, D. Wadzinski, T. Bowman

The answer for last newsletters Brain Teaser is as follows if you could not figure it out.

Lucy has landed on 15. Make a list of numbers 1- 36 that are divisible by 3. Cross out all that are even. This leaves 9, 15, 21, 27, and 33. 9, 21, and 27 have a "sum of digits" less than 4 or more than 8. But, $1 \times 5 = 5$ and $3 \times 3 = 9$.

Here is the new Brain Teaser for this month:

A man took his two sons to a baseball game. Each of the three wore a different kind of shoes and clothing. They were hungry, so each one had either ice cream, peanuts, or a hot dog, but no one had the same thing to eat. By reading the four clues below, you can tell what each one ate at the game and what kind of shoes (loafers, sandals, or sneakers) and clothing (sweater, sweatshirt, or jacket) each was wearing.

1. The father was not wearing loafers.
2. The younger brother was wearing sandals, but did not have ice cream or peanuts.
3. The older brother was wearing a jacket and had ice cream.
4. The person wearing a sweater had a hot dog.

Good Luck! Send your response to Dan Johnson at johnsond2@asme.org

Symposium on Educational Issues in Engineering Design at IDETC 2005

On behalf of the ASME Design Engineering Division (DED) and the DED's newly-reformulated Design Education Committee (DEC), it is my great pleasure to alert and invite you to attend and contribute to a one-day symposium on educational issues in engineering design. This symposium will be held during the 2005 ASME International Design Engineering Technical Conferences (IDETC) that will take place on September 24-28, 2005, at the Hyatt Regency Hotel, Long Beach, California.

The mission of the Design Education Committee (DEC) is to seek the improvement of education in the art and the science of mechanical engineering design for students, researchers and educators, and professional practitioners. As part of that mission, the DEC intends to maintain active dialogues among professional practitioners and design academics that alert academics to the changing needs and requirements of industry, alert design practitioners to new research findings, and foster public awareness and understanding of the importance of good (engineering) design.

In partial fulfillment of this mission, the DEC is co-sponsoring several sessions at the 2005 IDETC in Long Beach, California, on the following topics:

1. Technology for teaching and distance learning of design, together with the Computer and Information in Engineering (CIE) Division.
2. Training vs. teaching, together with the Design for Manufacturing (DFM) Committee.
3. Impact of research on teaching methods, together with the Design Theory and Methodology (DTM) Committee.
4. Education in design automation, together with the Design Automation Committee (DAC).
5. Rehabilitation and sports equipment design and manufacturing, with the Design for Manufacturing (DFM) Committee.

These sessions will be scheduled to be on the same day, so that DEC and its cooperating committees (CIE, DAC, DFM, and DTM) will be jointly offering a one-day symposium on issues in design education.

For further information about the aforementioned special sessions and to submit papers via the (IDETC) conference web-tool, please visit www.asmeconferences.org/idetc2005/.

Thank you very much for your attention and anticipated participation.

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- * 20th Biennial Conference on Mechanical Vibration and Noise (VIB)
- * 25th Computers and Information in Engineering Conference (CIE)
- * 31st Design Automation Conference (DAC)
- * 10th Design for Manufacturing Conference (DFM)
- * 17th International Conference on Design Theory and Methodology (DTM)
- * 5th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC)
- * 29th Mechanisms & Robotics Conference (MECH)
- * 10th Power Transmission & Gearing Conference (PTG)
- * 18th Reliability, Stress Analysis & Failure Prevention Conference (RSAFP)

For further information about the aforementioned conferences and to submit papers via the conference web-tool visit www.asmeconferences.org/idetc2005/. The conferences will also include plenary sessions, keynote lectures, and tutorials on different topics related to engineering design.

ASME March 2005 CODES & STANDARDS NEWSLETTER

PTC 61 COMMITTEE BEGINS WORK ON CFD VERIFICATION AND VALIDATION STANDARD

A new Performance Test Code Committee, PTC 61, Verification and Validation in Computational Fluid Dynamics and Heat Transfer, began its work in 2004. The charter of the committee is to provide procedures for quantifying the accuracy of modeling and simulation in computational fluid dynamics and heat transfer. The committee is an outgrowth of several decades of efforts within technical committees of the Fluids Engineering Division and the Heat Transfer Division concerning the estimation of experimental and numerical uncertainties and the quantification of validation concepts. The committee is initially focusing its efforts on drafting a standard for V&V in computational fluid dynamics and heat transfer based on the concepts and methods of experimental uncertainty analysis. This will leverage the decades of effort in the community of experimentalists that resulted in the ASME Standard PTC 19.1 "Test Uncertainty" and the ISO international standard "Guide to the Expression of Uncertainty in Measurement." For further information contact Ryan Crane, <mailto:CraneR@asmestaff.org>

NEXT EDITION OF ASME A17.1/CSA B44 HANDBOOK AVAILABLE IN MARCH 2005

The 2004 edition of the ASME A17.1/CSA B44 Handbook will be available in March 2005. The handbook augments the ASME and CSA Elevator Codes (ASME A17.1-2004, Safety Code for Elevators and Escalators and CSA B44-2004, Safety Code for Elevators and Escalators) by providing a commentary on the Code requirements. It contains the rationale for Code requirements; explanations, examples, and illustrations of the implementations of the requirements; plus excerpts from other nationally recognized standards which are referenced by the Code. This information is intended to provide the users of the Code with a better understanding of, and appreciation for, the requirements contained in the Code. Contact Marcy Levitan, <mailto:LevitanM@asmestaff.org> for more information.

NEW PTC 6.2 FOR TESTING OF STEAM TURBINES TO BE ISSUED IN 2005

ASME Performance Test Code 6.2 for testing steam turbines in combined cycle applications will be issued in 2005. PTC 6.2 was developed for testing steam turbines in combined cycles with or without supplementary firing and in cogeneration applications. PTC 6.2 is applicable to condensing and to non-condensing steam turbines, to reheat and to non-reheat steam turbines, and to induction/extraction steam turbines. PTC 6.2 is a complementary code to ASME PTC 6 on Steam Turbines. PTC 6 is the appropriate code for testing steam turbines in nuclear and conventional fossil-fired Rankine cycles. PTC 6.2 provides procedures for testing and calculating turbine-generator output performance corrected to reference conditions as a measure of overall turbine performance. Contact Steve Weinman, <mailto:WeinmanS@asmestaff.org> for more information.

NEW EDITION OF ASME B1.1 STANDARD FOR SCREW THREADS AVAILABLE

The world literally hangs by a thread whether it is for automotive, aerospace, off road equipment, or any other application that requires the joining of parts together. Although this concept is not new, the latest issue of the standard that governs inch screw threads, ASME B1.1, is. This standard specifies the thread form, series, class, allowance, tolerance, and designation for unified screw threads. This standard only covers UN and UNR threads forms. This new edition contains revisions to some of the listed values for "Limits of Size for Standard Series of Threads" and "Limits of Size of Special Series of Threads." These changes are the result of the application of the revised rounding rules established in ASME B1.30-2002 and some corrections for calculation errors. With this revision, all parties calculating both standard and special series threads will derive precisely the same values. Additionally, the effects of coating on threads have been explained in more depth. For easy reference a metric translation of this standard has been incorporated as Appendix C. Appendices A through E contain useful information that is supplementary to the sections of this standard. Contact Steve Weinman, <mailto:WeinmanS@asmestaff.org> for more information.

STANDARDS DEVELOPMENT ORGANIZATION ADVANCEMENT ACT OF 2004

The Standards Development Organization Advancement Act of 2004 (Public Law 108-237) was signed by the President on June 22, 2004. The Act exempts standards developers who register with the Department of Justice from the treble damages provisions of the nation's antitrust laws. On September 15, 2004, ASME filed with the Antitrust Division of the Department of Justice and with the Federal Trade Commission its notification of disclosure of standards development activity pursuant to the Act. A notice of such filing was published in the Federal Register on October 13. ASME's filing provides relief for current standards development and conformity assessment activities. Modifications to the initial filing will be submitted to address new and revised activities; the first such supplemental notification was filed in December 2004, with notice published in the Federal Register on February 11, 2005. On a related topic, ASME staff continues to work as part of a coalition of SDOs to move legislation this year that would reform tort laws to protect SDOs who meet certain criteria from liability. The draft legislation is in the final stages, and ASME staff is working with House and Senate Judiciary Committee staff and House Science Committee staff on legislative strategy. Contact Francis Dietz, <mailto:DietzF@asmestaff.org> for more information.

ASME STANDARDS TECHNOLOGY, LLC FORMED

ASME has established the ASME Standards Technology, LLC (ST-LLC) to expand upon the role of the former ASME Codes and Standards Technology Institute (CSTI) and perform work related to newly commercialized technology. The ASME ST-LLC is a not-for-profit Limited Liability Company (LLC), with ASME as the sole Member. The ASME ST-LLC will meet the needs of industry and government by providing new standards-related products and services, which advance the application of emerging and newly commercialized science and technology. ASME ST-LLC maintains a close relationship with ASME, especially the Codes and Standards organization. The ASME ST-LLC will provide the research and technology development needed to establish and maintain the technical relevance of codes and standards. New ASME ST-LLC products and services include government contracting, collaborative research projects, pre-standards offerings, industry/consortia standards, and technical services for standards implementation. Core products include project management, engineering management, systems integration, and convener and coordinator of project teams. Visit the new web page at <http://stllc.asme.org> or contact John Koehr, <mailto:KoehrJ@asmestaff.org> for more information.



AMERICAN SOCIETY OF MECHANICAL ENGINEERS

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



Canaveral ASME Program Year 2005 Calendar

July	Aug	Sep	Oct
No Event Planned	<i>Tour: Brevard Zoo "Wild Side" Outing</i> Date: Aug 15 Location: Viera POC: Leanna Konowicz (KONOWILC@usa-spaceops.com)	Speaker: Dan Koenig on Engineer Entrepreneur Date: Sep 22 Location: FSEC POC: Dan Johnson (djohns08@harris.com)	<i>Tour: AF Missile Museum</i> Date: Oct 16 Location: Cape Canaveral POC: Jack Wiles (jwiles@webtv.net)
			DL Speaker: Dr. Rhode on Virtual Product Development Date: Oct 20 Location: FSEC POC: Alan Zakaluk (azakaluk@harris.com)
Nov	Dec	Jan	Feb
Mini-Topic Evening: Hugh Bain's experience in Iraq, & Florida's Blood Center Date: Nov 20 Location: Florida Tech in Melbourne POC: Dan Johnson	<i>Tour: Ice Skating Rink (Joint event with FIT Student Section)</i> Date: Dec 9 Location: Rockledge POC: JD Van Gilder (jvangild@harris.com)	Award's Banquet with Speaker: J. Tal Webb on "Continuity & Change" Date: Jan 12 Location: Holiday Inn/Cocoa Beach POC: Dan Johnson (djohns08@harris.com)	CCTS E-Week Banquet with DL Speaker David G. Alciatore, "The Illustrated Principles of Pool and Billiards" Date: Feb 18 Location: Holiday Inn/ Cocoa Beach POC: Alan Zakaluk (azakaluk@harris.com)
		<i>Tour: Mather's Bridge</i> Date: Jan 22 Location: Indian Harbor Beach POC: Dan Johnson (djohns08@xch-bsco-06.ksc.nasa.gov)	E-Week Speakers Date: Feb 21-25 Location: Brevard County Schools POC: Stephanie Hopper (STHopper@xch-bsco-06.ksc.nasa.gov)
		<div style="font-size: 2em; font-weight: bold; transform: rotate(-15deg); opacity: 0.5;">Cancelled</div>	
Mar	Apr	May	June
<div style="font-size: 3em; font-weight: bold; transform: rotate(-45deg); opacity: 0.5;">Student Dinner Moved to April</div>	<i>Tour: NSLD</i> Date: Week of the 11th Location: Cape Canaveral POC: Stephanie Hopper (STHopper@xch-bsco-06.ksc.nasa.gov)	John Bozewicz, DL Speaker "From Engineer to Manager: A Roadmap for a Successful Transition" (Joint Effort with Florida West Coast Section) Date: May 10 Location: FSEC POC: Alan Zakaluk (azakaluk@harris.com)	Speaker/Tour: TBD Date: Jun TBD Location: TBD POC: Dan Johnson (johnsond2@asme.org)
	FIT Student Section Dinner & Design Presentation Date: April 12 Location: Melbourne POC: JD Van Gilder (jvangild@harris.com)	ASME Industry Event at Suntree CC w/ Guest Speaker Lee Hawkins Date: TBD Location: North Melbourne POC: Paul Burke	