

The Canaveral Flyer

March 2007

A Newsletter of the Canaveral Section of ASME International



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The J. Tal Webb Award was established in 1993 in honor of our past chair and Regional Vice President 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 John Tribe to receive the award.

John began his aerospace career in 1954 with de Havillands in England and came to the US in 1961 joining Convair at the Cape working as a propulsion engineer on various programs such as Ranger, Mariner, Mercury, and Fire. He began working with North American Aviation NAA on the Apollo program and was a team member for all of the Apollo launches from 65 – 75 becoming the NAA engineering supervisor for the Command and Service Module Propulsion and Reaction Control Systems. In 1972 he began working on the original Space Shuttle team while still supporting the Apollo program until the Apollo-Soyuz launch in 75. John worked on the Shuttle team helping define facility requirements eventually becoming the manager of the entire fluid engineering group and was a key member of the KSC launch team from STS-1 through STS-81 retiring in 1997 as a chief engineer.

Even though he is retired, John has worked countless hours as an unpaid NASA-PAO volunteer supporting VIP tours and launch escort duties, supported NASA in the Columbia investigation, and contributes many hours as a graybeard consultant for teams developing the Hypergolic Propellant for the Ares Rockets in the Constellation program. Congratulations to John Tribe on his receipt of the Tal Webb Award!

Dr. Phil Scarpa will be discussing Kennedy Space Center's role in Astronaut health. Dr. Scarpa is a NASA Flight Surgeon and the Manager of Space Shuttle Medical Operations at the Kennedy Space Center, Florida. Dr. Scarpa is a consultant member of the NASA Medical Policy Board which sets medical policy for NASA. He is a Senior Aviation Medical Examiner for the FAA. He is on the medical faculty at the University of Texas Medical Branch in Galveston, Texas and at the Wright State University School of Medicine in Dayton, Ohio. He is a Fellow of the Aerospace Medical Association, the past President's of the Space Medicine Branch and The Society of NASA Flight Surgeons. Please join us on March 14th to learn more about the health and medical needs of the astronauts as they endure long periods of weightlessness and extreme G-forces.

Best Regards,

J.D. VanGilder
Canaveral Section Chair



John Tribe receiving the J. Tal Webb Award February 23, 2007



J.D. VanGilder, Mary Lou Heink, Bill Heink, John Tribe, Melinda Tribe, J. Tal Webb

Schedule of Upcoming Section Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>RSVP Date</u>	<u>Contact</u>
Mar 14	Phil Scarpa, Astronaut Physician at KSC 6 PM – Social 6:30 PM – BBQ and drinks, \$6/person, please RSVP 7 pm – Presentation	Florida Solar Energy Center FSEC	March 12 th	J.D. VanGilder vangilderj2@asme.org 321-729-2678
April 13	Student Design Showcase Florida Tech's Clemente Center http://coe.fit.edu/showcase.html	Florida Institute of Technology	TBD	TBD
April 18th	Student Design Presentation Dinner	Florida Institute of Technology	TBD	J.D. VanGilder vangilderj2@asme.org 321-729-2678

Orlando Manufacturing Show:

The American Contract Manufacturer's Show (AMCON) will be held in Orlando on April 11-12 at the Orange County Convention Center. Hours are 9-4 on Wednesday and 9-3 on Thursday. Admission is free. More information can be found at www.amconshows.com or 800 829-7467.

Volunteer Judging in Orlando:

The Florida Technology Student Association (TSA) is a non-profit organization devoted to promoting technology among middle and high school students. Over 120 judges are needed to cover 60 technology events at the next annual Florida TSA State Conference and Competition, held at the International Plaza Resort on April 18-21 in Orlando. Judging forms can be found at <http://floridatsa.com/07ConferencePackage/packageIndex.html>.

Orlando ASME Training Opportunities

The following ASME courses are being held at the Marriott Orlando Downtown on the dates shown. Please register for these courses online at www.asme.org/education.

Heating, Ventilating & Air-Conditioning Systems: Sizing and Design: 03/26/07 - 03/28/07

Learn state of the art methodology for sizing and selecting HVAC equipment for commercial buildings, as well as issues related to indoor air quality.

Elevator Maintenance Evaluation: 03/26/07 - 03/27/07

This course covers the methods for evaluating elevator maintenance, performance and contracting. Preventive maintenance procedures for both mechanical and electrical components are reviewed.

ASME BPV Code: Section XI – In-service Inspection of Nuclear Power Plant Components: 03/26/07 - 03/30/07

Examine the rules for in-service inspection of nuclear power plant vessels, piping, pumps, valves, and supports with a focus on the engineer's role in the evaluation of service conditions and repair.

Research and Development Management: 03/26/07 - 03/28/07

The ideas presented in this course consist of the condensed works of a multitude of experts focusing on ways to improve the productivity of R&D and foster excellence and innovation in organizations.

Market Research & Sales for Engineers (Domains 1 & 6 of EMCI Program): 03/26/07 - 03/27/07

This course Marketing Strategy, Research and Analysis (customer base, competition)

ASME A17.2 Escalators and Moving Walks: Inspection & Maintenance Evaluation Techniques: 03/28/07 - 03/28/07

This course addresses each checklist item and procedure in the ASME A17.2 Guide for Inspection of Elevators, Escalators and Moving Walks.

Understanding Chiller Performance, Operation and Economics: 03/29/07 - 03/29/07

This course reviews refrigeration basics, general descriptions of chillers, chiller systems, building operating dynamics and the economics of chiller systems.

Professional Responsibility for Engineers (Domain 8 of EMCI Program): 03/29/07 - 03/30/07

This course details the responsibilities of engineers regarding legal and contractual issues. It covers what you have to know to interpret and correctly document procedures in engineering projects.

Test Your Knowledge of the ASME e-Library and You May Win a Prize!

Enter the ASME E-library Challenge and test your research abilities! The Challenge has 3 to 5 questions, which can be answered by using the resources in the ASME e-library. Prizes include American Express gift cards and ASME membership renewals. The Challenge will be held from Feb. 19 to March 19, 2007. There are separate versions for members and students and winners will be chosen from entries that have all questions answered correctly.

To find out more about the library – or to sign up and login, just go to:

<http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>

To enter, choose either the member or student edition.

Member: http://info.knovel.com/ASME/ASME_professional_quiz.htm

Student: http://info.knovel.com/ASME/ASME_academic_quiz.htm



Local Engineer Recognized as a “New Face of Engineering” during E-week

Harmony Myers, employed by NASA as a Safety Engineer on the Shuttle Program, was nominated by the Society of Women Engineers for the New Faces of Engineering program. Part of the recognition included a picture and write-up of Harmony (and 14 others) in a full-page ad in the USA Today. In addition to her NASA work, Myers volunteers in a variety of Society of Women Engineers leadership roles, participates in outreach programs, and enjoys spending time with her family. Her education includes a BS in Electrical Engineering from the University of Central Florida, and an MS in Industrial Engineering from the University of Miami.

The New Faces of Engineering is an international recognition program aimed at promoting the accomplishments and contributions of young engineers, 30 years of age or younger, while creating awareness of the impact that engineers have on our daily lives.

Coming Soon! Engineering and Technical Supervisor Leadership Series

ASME Canaveral Section is offering a comprehensive series of leadership topics designed for team leaders, supervisors, managers and others interested in enhancing their leadership knowledge and performance. As a service to ASME Canaveral Section, Canaveral Council of Technical Societies and engineering and technical leaders and aspiring leaders we will be kicking off this career enhancing opportunity.

The most cited reasons for employee dissatisfaction and underperformance are poor leadership by immediate supervisors and not being empowered to contribute at a higher level. The reason for this is simple. Team leaders, supervisors and managers frequently do not get structured training on leadership. Undergraduate and postgraduate curriculum doesn't cover these topics; nor does time spent on the shop floor provide adequate leadership training.

This workshop series is designed as three sets of related training modules. Each set consists of four modules, delivered one night per week, over four consecutive weeks. Reservations are now being taken for Part I, Foundation Skills. Contact Tom Moriarty, PE, CMRP at (321) 773-3356 or tjmpe@alidade-mer.com to reserve your seat. Discounts available for ASME and CCTS affiliated attendees, as well as discounts for multiple attendees. Call for details.

ASME Canaveral Section would also like to talk with organizations or groups interested in hosting workshops or training courses for engineering, manufacturing or high tech firms in the Space Coast region. Proceeds from the training go towards the ASME Canaveral Section scholarship and sponsorship activities.

Engineering and Technical Supervisor Leadership Series

I. Foundation Skills

Module 1: Interpersonal Communications

Module 2: Building Trust

Module 3: Conflict Resolution

Module 4: Giving and Receiving Feedback

II. Leader's Toolkit

Module 5: The Five Leadership Roles

Module 6: Leadership Practices; A Self Assessment

Module 7: Developing Performance Expectations

Module 8: Empowering Others for Success

III. Team Skills Toolkit


Module 9: Fundamentals of High Performance Teams

Module 10: Setting Goals and Keeping Score

Module 11: Team Member Roles and Responsibilities

Module 12: Managing Processes

Thanks to our sponsors!



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