

The Canaveral Flyer

September 2008

A Newsletter of the Canaveral Section of ASME International



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Greetings Canaveral Section members,

Our last event was held at SkyVenture in Orlando where participants got a chance to experience floating on a column of air and tour the facility to see how it all works. Their wind tunnel has fans at the top that suck air through the system. The air is channeled over a finned nozzle and through a square grate to ensure a controlled straight flow in the flight area. The maximum air speed within the tunnel is 150 MPH, which is controlled by an operator that sits in the control room monitoring wind speed, video footage, and pictures of the entire experience. If you would like to experience sky diving without jumping out of an airplane or if you are thinking about sky diving, but want a trial run, then I would highly recommend SkyVenture. It was a thrilling experience for all.

We are in the process of putting together a calendar of events for the coming months with a variety of tours and technical presentations. I hope to have the calendar completed and in next month's newsletter. As always we are open to suggestions. If there was an event in the past that you did not get a chance to attend or something that you are interested in learning more about, then you can always send me or any of the officers listed an e-mail outlining your idea or desires. Thank you for your continued participation in our section. I look forward to seeing you at our future events.

Best regards,

J.D. VanGilder
Canaveral Section Chair

Schedule of Upcoming Section Events

Date	Event	Location	Event Type	RSVP Date	Event Coordinator/Contact

ASME General News

Thomas Barlow new ASME President

Thomas M. Barlow was announced as the 2008 / 2009 ASME president at the ASME Annual Meeting in Orlando last month. Barlow, an ASME Fellow who had a 40-year career at Lawrence Livermore National Laboratory, began his term as the 127th president of ASME last month, succeeding 2008–2009 President Sam Zamrik. Barlow has had a long history with ASME, having participated on many technical, regional, and Society-wide committees and boards, including the Board of Governors, the Council on Engineering, the Public Information Operating Board, the Board of Governors' Committee on Organization and Rules, and the Editorial Advisory Board of Mechanical Engineering magazine.

During Barlow's inaugural speech, he referred to the Society's recent Continuity and Change reorganization: "Because of some very hard decisions that we made over the past few years, we are [now] in excellent financial and organizational shape. We are highly respected throughout the world as a leading engineering organization, thanks especially to our successful Codes and Standards work, our technical conferences, and our Global Communities organization."

As indicators of ASME's well-being, Barlow pointed to increases in the number of non-U.S. members joining ASME as well as an up-tick in the participation of students and early career engineers in Society activities.

One of the challenges facing ASME, Barlow said, is increasing the Society's overall membership rolls, which, he said "have been relatively flat for several years. We gain members steadily through most of the year, but then we lose nearly half of our recent graduates as they enter into the job market — just at the very time when we should be able to support them through their transition."

To reverse this trend, Barlow said, "We must act together to change this pattern by working with students in our colleges and universities, and then continuing with them into the early years of their careers. We simply must find new ways to help our new members become active and involved in ASME. Our Committee on Early Career Development is doing a first-rate job, but we must do more to support their work."

Barlow concluded his speech by giving ASME members their own personal challenge: to find an ASME program or activity that interests them and get involved in it. "I'm 100 percent committed to supporting our strategic priorities and to further strengthening ASME in the three areas noted early on — early career engineers, leadership, and diversity. In return, I ask that each of you agree to support an area of your own choice that also fits within our mission. Your finest reward will be your own satisfaction and your own sense of accomplishment."

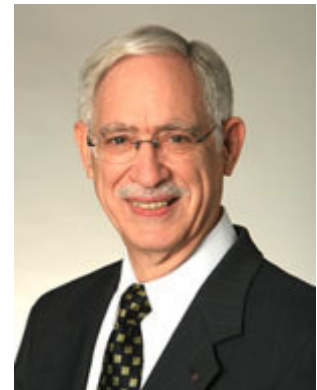
Barlow's first letter to ASME members can be found at the following link.

<http://www.asmenews.org/columns/frompres.html>

ASME Nominations for Prestigious Awards

If you or someone you know has made major contributions to the following fields, they could be considered for the following awards. For more information on these or any other ASME awards, contact Catherine Mervyn, ASME Honors at (212) 591-7736 or mervync@asme.org. A nomination form can be downloaded at:

www.asme.org/Governance/Honors/SocietyAwards/Nominate.cfm



Sept. 14, 2008, is the deadline for:

- The Van C. Mow Medal, honoring meritorious contributions to the field of bioengineering. The honoree, who must have received a doctorate or the equivalent 10 to 20 years ago, will receive a \$1,000 honorarium, a bronze medal and a certificate.
- The H.R. Lissner Medal, which recognizes pioneering contributions in biomedical research. The winner of this award will also receive a \$1,000 honorarium, a bronze medal and a certificate.
- The Y.C. Fung Young Investigator Award, which encourages young investigators to pursue research in bioengineering. A \$1,000 honorarium, a bronze medal and a certificate will be presented to the honoree.

Sept. 15, 2008, is the deadline for:

- The Ralph Coates Roe Medal, which is awarded for significant contributions to the understanding of engineering's worth to society. A \$10,000 honorarium, gold medal and certificate will be given to the medal winner.

Sept. 30, 2008, is the deadline for:

- The Fluids Engineering Award, for outstanding contributions to the field of fluids engineering. The honoree will receive a \$1,000 honorarium, a bronze medal and a certificate.

Oct. 1, 2008, is the deadline for:

- The Bergles-Rohsenow Young Investigator Award in Heat Transfer, which is conferred upon an individual who pursues research in heat transfer and who has demonstrated the potential to make significant contributions to this field. The award recipient will receive a \$1,000 honorarium, a bronze medal and a certificate. Candidates must be younger than 36 and must have a Ph.D. or equivalent degree in engineering.
- The Heat Transfer Memorial Award, given for outstanding contributions to the field of heat transfer. The honoree receives a \$1,000 honorarium, a plaque and a certificate.
- The Warner T. Koiter Medal, which recognizes distinguished contributions to the field of solid mechanics, with special emphasis on the effective blending of theoretical and applied elements to the discipline. A \$1,000 honorarium, a bronze medal, a certificate and an expense supplement are bestowed upon the medal winner.
- The Timoshenko Medal, honoring an individual for distinguished contributions to applied mechanics. The winner receives a \$1,000 honorarium, a bronze medal, a certificate and an expense supplement.

Nov. 1, 2008, is the deadline for:

- The Daniel C. Drucker Medal, for outstanding contributions to applied mechanics and mechanical engineering. The winner receives a \$1,000 honorarium, a bronze medal, a certificate and an expense supplement.
- The Soichiro Honda Medal, which is awarded for an outstanding achievement or significant contribution in the field of personal transportation. The winner will receive a \$7,500 honorarium, a gold medal, a certificate and an expense supplement.

Nov. 15, 2008, is the deadline for:

- The J. Hall Taylor Medal, which is awarded for eminent achievement in ASME Codes and Standards for piping and pressure vessels. The winner will receive \$1,000, a bronze medal and a certificate.

Dec. 1, 2008, is the deadline for:

- The Frank Kreith Award, which recognizes significant contributions to a secure energy future. A \$1,000 honorarium, a plaque, a certificate and an expense supplement will go to the honoree.
- The Nadai Medal, awarded for distinguished contributions to the field of engineering materials. The winner will receive \$1,000, a bronze medal and certificate.

Local Industry News

New Harris Product Introduction

Harris Corp. has announced it has introduced Unity, a family of multi-band, software-defined radios that will allow federal, state, and local public safety officials to communicate more effectively through the use of one radio. The first model is the Unity XG-100, a multiband portable land mobile radio. It will allow emergency personnel to communicate directly without having to carry multiple radios or route transmissions through ad-hoc network bridges. Field trials for the product will start near the end of the year with shipments expected to begin in 2009.

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