



Planning Meeting

Bring your Ideas and help set the schedule for next year.

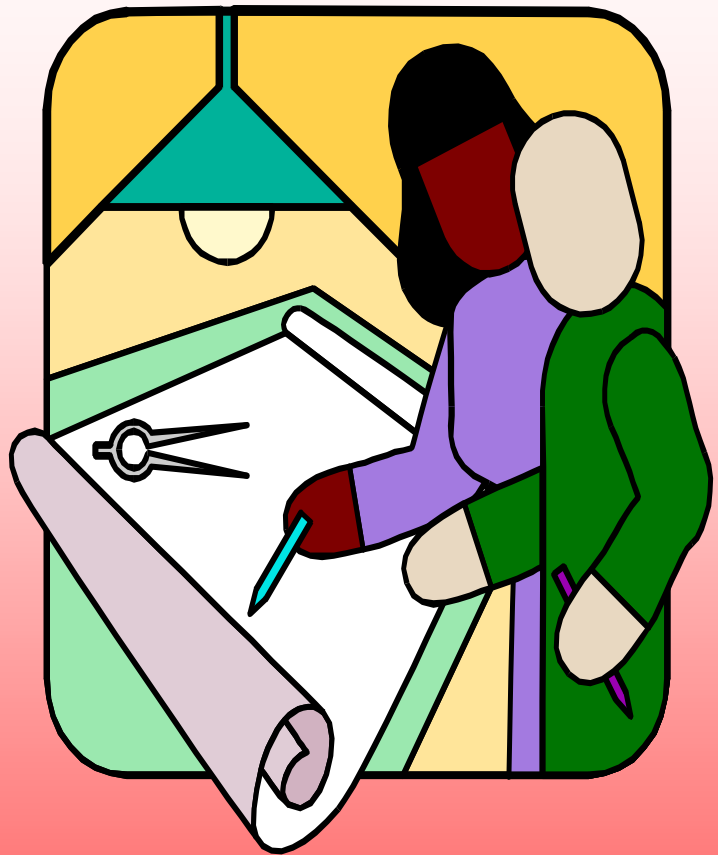
Date: Thursday June 8, 2006
Time: 6:30 pm Meeting
Cost: The Meeting is Free
(Pizza, Cookies and Sodas will be provided by the section)
Location: APS Building, Room 2 South
(NE Corner of the Arizona Center)

We will be able to validate Arizona Center parking tickets at the meeting.

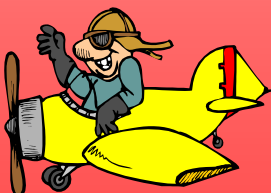
Please RSVP To: Mark Jones
Phone: 480-759-2958
Email: jonesm1@asme.org
Before noon Thursday June 8th

Leave a message with the number in your party and a phone number at which you can be reached.

Everyone is invited to join in this important activity to help decide what the section activities will be next year and help divide up the effort to make this another successful year.



The objective of this meeting is to set the calendar for next year's events and brainstorm how to make our events more exciting to generate more varied interest. So, bring your ideas and we will set our schedule for next year.





Chair's Message

Greetings to the Arizona Section of ASME! This is my last message as Chair of the Arizona section. I hope that the local section of ASME was

able to meet your needs this year.

I feel that we had a good year with events ranging from the Geometric Dimensioning and Tolerancing class to the Annual Honors and Awards Banquet. However, we are always looking for ways to improve the local section and expand our offerings. Please join us for the

June planning meeting and provide us with your ideas.

Enjoy the summer break as we look forward to the 2006-2007 year.

Joe Howard

Chair, Arizona Section ASME

Decline in Students Earning Degrees in Science, Technology, Engineering, and Mathematics (STEM) Field Highlighted by GAO at Recent House Hearing

The House Education and Workforce Committee recently convened a hearing on the scope and success of federal science, technology, engineering, and mathematics (STEM) programs. In her testimony before the Committee, Ms. Cornelia Ashby, Director of Education, Workforce, and Income Security at the U.S. Government Accountability Office, said that despite the increase in college enrollment over the past decade, the proportion of students obtaining STEM degrees has declined in recent years.

This testimony is based upon a larger report that was released in October 2005, which reported that the federal government spent about \$2.8 billion on more than 200 STEM-related programs in FY 2004. Since that report's release, the Administration has formed a new federal Academic Competitiveness Council, an inter-



Brain Teaser

A dairy farmer had 54 liters of milk in three churns. He wanted to make sure each churn contained 18 liters.

First he poured 1/4 of the first churn into the second churn.

Then he poured 1/2 of the second churn into the third churn. Finally he poured 1/3 of the third churn into the first churn.

How many liters did each churn contain before he started pouring?

This month's Brain teaser is brought to you by Braingle.com

12, 33 and 9 liters respectively

Answer

agency group led by the Secretary of Education that is charged with identifying overlap in federal programs that promote math and science and recommending ways to integrate and coordinate such programs.

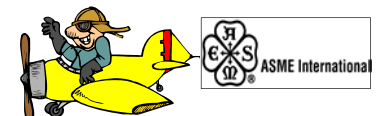
In this recent testimony, the GAO calls the ACC an initial step in the effort to increase enrollment in the STEM fields by coordinating and improving existing programs as well as determining areas in which new programs are needed. Department of Education Assistant

Secretary Tom Luce and Mr. Bill Archey, President and CEO of the American Electronics Association, also testified at this hearing, and all hearing testimony can be found at:

<http://edworkforce.house.gov/hearings/109th/fc/competitiveness050306/wl5306.htm>.

The larger GAO report can be found at: <http://www.gao.gov/new.items/d06114.pdf>.

Melissa Murray handles public policy-related education issues for ASME. She can be reached at murraym@asme.org.



ASME Board Of Governors Approves New Dues

The Board of Governors, at its April 27-28 meeting, received a preliminary 2006-2007 general operating budget and capital budget, and approved an October 2006 (FY2007) ASME dues increase to \$126. Society Policy P-14.15 will be changed to reflect the new dues amount. For More information contact: Mike Weis at weism@asme.org.

ASME Solid Waste Processing Division Presents the 2006 Facility Recognition Awards

NEW YORK, June 1, 2006 – The Solid Waste Processing Division of ASME has selected the Polk County Solid Waste Resource Recovery Plant (Minnesota) and Southeastern Connecticut Regional Resources Recovery Facility as the winners in the 2006 Facility Recognition Awards.

The annual Facility Recognition Awards are presented for innovative contributions to solid waste processing, economics and safety, and environmental performance, among other criteria. The 2006 awards were presented May 1, at the 14th North American Waste-to-Energy Conference in Tampa, Fla.

The Polk County Solid Waste Resource Recovery Plant, the winner in the Material Recovery Facility category of the awards competition, handles 40 tons of municipal waste collected from five counties in northwest Minnesota. A major technical attribute of the facility is a resource recovery system fixed to the front of the combustion chambers that removes virtually all the non-combustible portion of the waste flow and sorts it for recycling purposes.

The Polk County Solid Waste Resource Recovery Plant includes advanced pollution control technology, including an electrostatic precipitator for controlling particulate emissions and chemical injection system for handling heavy metals, acid gases, and dioxins and furans. A heat recovery boiler allows the Polk County plant to produce steam for electrical generation.

The Southeastern Connecticut Regional Resource Recovery Facility wins the top honor in the Large Combustion Facility category. Placed into commercial service in 1992, the facility is permitted to process approximately 250,000 tons of municipal solid waste per year, recovering the energy for electric power generation.

The safety performance of the Southeastern Connecticut Regional Resource Recovery Facility has received star rating in reports of the Occupational Safety and Health Administration.

The Union County Resources Recovery Facility in Rahway, N.J., received an Honorable Mention award in the Large Combustion Facility category.

The ASME Solid Waste Processing Division is accepting nominations for the 2007 Facility Recognition Awards competition. For information and nomination forms, contact Nat Egosi, 631-756-1060, ext. 108.

ASME VOLT Academy

The VOLT Academy (Volunteer Orientation for Leadership Training) recently played a vital role in the March Leadership Training Conference and is continuing to staff its committees with the expectation of being fully operational in June. All interested in being involved in helping prepare for scheduled training events or to continue the development of a comprehensive ASME leadership development plan, contact Marian Heller, hellerm@asme.org, or Bill Weiblen, weiblen@comcast.net

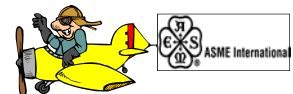
Visit ASME Connections

ASME Connections, an asme.org Web site with a focus on ASME's new structure and strategies, highlights volunteers and staff experiences in working through the implementation phase of ASME's reorganization. ASME Connections introduces you to the people and projects that are shaping ASME including current initiatives and ideas and provides easy access to information on the new structure.

For more information visit ASME Connections at: www.asme.org/About/Connections/.

Roadmap for ASME to Become Indispensable to Early Career Engineers

The Board of Governors received A Roadmap for ASME to Become Indispensable to Early Career Engineers, the final report of the **Strategic Initiative Project Team on Young Engineers**, and voted to endorse the project team report in principle, with the Sector Management Committee to coordinate implementation and monitor progress and the Sectors and Services to prioritize and develop project plans, with budgets showing proposed costs and revenue sources. For more information, contact: Amy Geffen at: geffena@asme.org





Your Section Executive Committee and Operating Board for '05 -'06

2005-2006 Executive Committee

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Vice-Chair - Bela Csonka
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Director 04-07 - Dick Johnson
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Director 05-08 - Eric Smith
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If we can help you, please feel free to contact us. We look forward to serving the AZ Section members.

2005-2006 Operating Board

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Newsletters are Available on the Arizona Section ASME Web Page



www.asme.org/sections/AZ

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ASME International

The following has been quoted from the Constitution of the American Society of Mechanical Engineers. Revised to October, 1991.

C5.1.2 The provisions of the Constitution, By-Laws and Policies and Procedures established by the Board of Governors of the Society shall govern the procedure of all components of the Society but no action or obligation of such components shall be considered an action or obligation of the society as a whole. This provision shall be imprinted on any publication issued by such components.

Article	Page
Meeting Notice	1
Chair's Message	2
Decline in Degrees in STEM Fields	2
Brain Teaser	2
New ASME Dues	2
Facility Recognition Awards	3
VOLT Academy	3
ASME Connections	3
Roadmap for ASME	3
Executive Committee and Board	4
Arizona ASME Web Address	4
Calendar of Events	4

June, 2006

2005-2006 Calendar of Events

Jun 8 Planning Meeting -APS Building

