



# TREASURE VALLEY SECTION ASME NEWSLETTER



The American Society of  
Mechanical Engineers

November, 2002  
Volume 6, Number 3

<http://www.asme.org/sections/tvidaho>

## November 12th – Impromptu Design Contest

**Topic:** Impromptu Design Contest  
**Date:** Tuesday, November 12th  
**Time:** 6:30 pm  
**Location:** Boise State University  
 Micron Eng Ctr. Lobby, Room TBD  
 Boise, ID  
**Contact:** Michael Keyes, ASME Treasure Valley Section Program Director  
[michael\\_keyes@hp.com](mailto:michael_keyes@hp.com)

It's time for the second Treasure Valley Section design contest, where you can exercise your design, test and team building skills. Last year, the winning team built a 5'11" free standing tower from 1 sheet of letter size paper and 2 feet of scotch tape. We're cooking up an even more challenging (and more mechanical) contest this year. First, we will divide the group into teams, explain the schedule, and reveal the contest rules. You will have an hour to organize your team; design, build, and test your contraption. The contest referee will cut off all design and construction work, and the competition immediately follows. It's a great chance to meet and work with new people, BSU Mechanical Engineering students, and have a fun evening. A design review session will follow at the RAM pub.



*Last year's winning team shows off their paper tower.*

## Newsletter Articles Wanted

Do you have a great home engineering invention that you would like to share with the rest of the section? You know, that project that your significant other is sick of hearing about! We all invent and build things in our garages; it's time to get some of them out in public. Please submit your story and pictures to the newsletter editor by e-mail (address in the right margin). We will put your invention in print as newsletter space allows. Maybe if we have enough interesting invention/contraptions, a contest or a tour might come out of this.

## Have you checked ASME.ORG lately?

For engineers seeking jobs, career changes, or if you're tuning up your resume just in case: ASME.ORG is a great resource. The Career Resource page features a Job Database, a resume matching service, a career discussion forum, continuing education, the ASME career fair, mentoring, resume advice, career guides for young engineers, an industry research center, interview rules, and much more. ASME offers valuable services for members from education advice to classes to shopping to free e-mail addresses. While you're on the web, surf over to ASME.ORG.

## By Popular Request

Many of you have requested a text version of the newsletter for faster downloads. Starting this month, a text version will be available on our website. Please let us know how to serve you better!



**Jon Anson**  
Section Chair  
[jon\\_anson@hp.com](mailto:jon_anson@hp.com)  
396-2291 (wk)



**Eric Wolfe**  
Section Vice-Chair  
[ewolfe@idahopower.com](mailto:ewolfe@idahopower.com)



**Tim Jaszowskiak**  
Treasurer  
[tjaszowskiak@multiquip.com](mailto:tjaszowskiak@multiquip.com)  
336-7650 ext. 122



**Carl Hamke**  
Public Information  
[hamkcc@asme.org](mailto:hamkcc@asme.org)  
377-1120 ex. 28



**Alan Russell**  
Secretary/Newsletter Editor  
[alan\\_russell@hp.com](mailto:alan_russell@hp.com)  
396-4439 (wk)



**Mike Keyes**  
Program Director  
[michael\\_keyes@hp.com](mailto:michael_keyes@hp.com)  
396-4170



**Judi Steciak**  
Satellite Programs  
[jsteciak@uidaho.edu](mailto:jsteciak@uidaho.edu)  
364-4080



**Annette**  
Awards & Honors  
[along@simplot.com](mailto:along@simplot.com)  
384-8378 (wk)

## ***ASME Distinguished Lecturer, Ian Arbon***



On October 10<sup>th</sup>, our section was fortunate enough to have Ian Arbon present his lecture on "Renewable Energy & Sustainability". In his lecture, Mr. Arbon discussed the impact of human activities to the environment, such as destroyed forests, contaminated waterways, the greenhouse effect, emissions of CO<sub>2</sub> since the industrial revolution, and the consequences of these events. He talked about how it is not enough to utilize as much renewable energy as we can, but to be truly sustainable, we need to look at the total energy cost and overall greenhouse emissions of the manufacture and installation of the renewable energy equipment. In particular, his lecture focused on concepts such as Corporate Social Responsibility (CSR) and the "Triple Bottom Line".

The lecture was attended by about 20% of our section membership. Thanks to Idaho Power for providing a room and refreshments for this event!

## ***2002 ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION***

November 17-22, 2002 New Orleans, Louisiana

Join thousands of engineers at Congress 2002 and take advantage of a wide range of opportunities for technology transfer, networking, and exploring new perspectives on your workplace challenges.

For full details on the 500 technical sessions, special forums, tutorials, workshops, poster sessions, facility tours, social events, and much more, visit: [www.asme.org/congress](http://www.asme.org/congress)

Congress 2002 features the premiere of R&D EXPO, the first and only industry event focused entirely on new discovery.

## ***Treasure Valley Section Events Calendar***

| <b>Date</b> | <b>Time</b> | <b>Event</b>                                      | <b>Location</b>     | <b>Contact</b>                                                     |
|-------------|-------------|---------------------------------------------------|---------------------|--------------------------------------------------------------------|
| Nov. 12     | 6:30 PM     | Design Contest                                    | BSU                 | Mike Keyes                                                         |
| Dec. 10     | 6 PM        | Ice Rink Tour                                     | TBD                 | Mike Keyes                                                         |
| Jan. 14     | 6 PM        | Lecture: Fuel Cells                               | TBD                 | Eric Wolfe                                                         |
| Feb. 11     | 6 PM        | Lecture: Design of Experiments or Finite Elements | U.I. Boise Center   | Carl Hamke<br><a href="mailto:hamkec@asme.org">hamkec@asme.org</a> |
| Mar. 11     | 6 PM        | Trus Joist Tour                                   | Trus Joist          | Mike Keyes                                                         |
| Apr. 15     | 6 PM        | Lucky Peak Dam Tour                               | Luck Peak Dam       | Mike Keyes                                                         |
| May 13.     | 6 PM        | Brewery Tour                                      | Sockeye Brewing Co. | Mike Keyes                                                         |