



TREASURE VALLEY SECTION ASME NEWSLETTER



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Mechanical Engineers

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September Meeting Information

Topic: Evander Andrews Power Complex Presentation
Date: Tuesday, Sept. 23rd
Time: 6:30 PM
Location: Idaho Power Auditorium, 1221 Idaho St., Downtown Boise
Contact: Michael Keyes, 396-4170

Sept. 23rd Meeting Announcement

Greg Hall of Idaho Power will give a presentation about Idaho Power's Evander Andrews Power Complex located in Mountain Home, Idaho. The power plant was constructed in 2001 in a record 16 weeks and has two Siemens Westinghouse Natural Gas Turbines that generate 45 MW each. This presentation will describe the power plant, its construction and start up issues encountered. Environmental issues will also be discussed.

The meeting will be held on Tuesday Sept. 23rd in the auditorium on the first floor of Idaho Power Headquarters, 1221 Idaho Street (corner of Idaho St. and 13th St.) from 6:30 PM to 9:00 PM. The public is welcome to attend.



Greg Hall is a Mechanical Engineer in Idaho Power's Power Production Group. He has 16 years of experience working in HVAC, refrigeration, energy conservation and recently gas turbine technology. He received his Bachelor of Science in Mechanical Engineering degree from the University of Idaho in 1987 and a Master of Engineering in Mechanical Engineering from the University of Idaho in 2003. His graduate study was focused on combustion engineering and turbomachinery. He has been working for Idaho Power for 10 years.

For more information, please contact Michael Keyes at 396-4170.

See you there!!

Treasure Valley Section Events Calendar

Date	Time	Event	Location	Contact
9/16	6:30	Gas Turbine Power Generation	Idaho Power	Michael Keyes
10/21	6:00	MEMS Combustors	BSU	Judi Steciak
11/11	6:00	Boise Geothermal Heating	TBD	Michael Keyes
12/2	6:00	ASME Social	Sockeye Brewery	Carl Hamke
12/9	6:00	BSU Mini Baja Design Review	BSU	Bob Gunning
1/13	7:00	Spokane Waste to Power	U of Idaho-Boise	Bob Gunning
2/10	6:00	Co-Generation	TBD	Michael Keyes
3/9	6:00	Anaerobic Digestion	TBD	Michael Keyes
4/13	6:00	Hybrid Cars	TBD	Michael Keyes



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Message from Treasure Valley Section Chair, Jon Anson

Dear Treasure Valley Section ASME Members:

I wish to welcome all of you members to our new program season for 2003 and 2004. This season our program concentrates on energy technology: new, current and emerging energy technology issues. We hope that you find this program beneficial to your professional development as mechanical engineers. We have also created some programs that will involve the participation of other technical and engineering societies, bringing us together by a common interest and helping us adapt to a changing technological world. I think that by building a sense of fraternity and opportunity to network among the various engineering societies here locally, will benefit us all here in the Treasure Valley as well as throughout the state of Idaho and the Northwest Region. We began this effort last season with our IDACorp Fuel Cell program that was teleconferenced to other areas of the Region via the University of Idaho, from the Boise Campus. Our Treasure Valley Section is also involved with the Mechanical Engineering Student Society at Boise State University. We believe that active support is imperative to help build or organization with future engineering professionals.

We are now living in the dawn of a new century and new millennia. Our society is continuously faced with increasing challenges of market globalization, economic changes and developments in our world, as well as new progressive market influences by developing and emerging nations. Thus we see a world that has increasingly become a more competitive arena in the manufacture of durable goods, the manufacture and production of consumable products, as well as new major developments in the field of information technologies. New technologies that were developed in the last part of this last century have influenced the way we work today: more efficiently, doing more with less, and increasing worker productivity. Certain new technologies have also empowered some individuals, small economic entities and organizations, as well as new enterprises located in developing nations; new tools that allow them to compete in the new global marketplace. As nations and markets, develop so will the demand for energy to power the economic machine. We as mechanical engineers need to meet these new challenges, influence policy makers for the betterment of our society and nation, and learn to adapt to some of these new technological changes.

With a growing human population ever increasing through the world, consumer demand for goods and services will increase. Thus the demand for energy will proportionally increase to power our industry, our institutions, our housing and habitats, our transportation and our modern lifestyles. We of the Treasure Valley Section ASME therefore found it appropriate to create a program that addresses energy technology and current energy policy. Please take a look at the programs listed as well as the program dates and times listed in this issue of the ASME Treasure Valley Newsletter. We hope that this program appeals to your professional interest and development. We invite your participation at all our programs and meetings and as always, I wish to have you give me your input as to what you value in our local ASME section. I also invite you to become a participating member on our executive committee if you want to volunteer your time with running the operations of our ASME Section.

I welcome you all and look forward to your participation in this season's Treasure Valley ASME activities.

Sincerely Yours,

Jon Anson

Treasure Valley Section Board Update

Eric Wolfe is taking a leave of absence from his post as the section Vice Chair this year. Robert Gunning, our University Liaison, will have the additional challenge of filling Eric's shoes as section vice chair. We wish Eric and his wife well as they travel the world this year.