

Officer Election Results

The following officers have been elected to serve from July 1, 2004 – June 30, 2005.

Chairman: Catherine French
cafrench@lanl.gov
Telephone: 505-667-4581

Vice Chairman: Snezana Konecni
konecni@lanl.gov
Telephone: 505-665-5546

Treasurer: Partha Rangaswamy
partha@lanl.gov
Telephone: 505-667-2935

Secretary: Jessica Clark
Jessica.Clark@Merrick.com
Telephone: 505-662-0606

A Note from the Chairman

It has been a privilege serving as the chairman of your section during the past year. Through the efforts of many volunteers our section has been able to accomplish a lot of really good things. We have had five dinner meetings and four lunch meetings with some terrific speakers and very good participation. Our Distinguished Lecturer series continued and we included two joint meetings with ASM. Did I mention we dined on some excellent food also?

Our outreach efforts increased from their beginnings last year with support for four student awards at the Science Fair; hands-on demonstrations for students from elementary, middle, and high schools for Engineer's Week; and presentations to several local Girl Scout troops.

For the first time ever the section offered not one, but two short courses, providing training in ASME boiler and pressure vessel design. These offerings provided high-quality training for our members and guests and also provided value for employers in our area.

Oops, I almost forgot the excellent tour of the LANL power plant and the following social at the Balagna Winery that we had last summer. That was certainly enjoyable!

These activities were accomplished by an enthusiastic crew of both elected and un-elected volunteers who have participated in our Executive Committee meetings and other section activities. With the capable slate of new officers and the continuing support of volunteers, I am very confident in the future of the Northern New Mexico Section of ASME.

Bob Meier

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ASME launches 'Communities of Practice'

Want to talk to your peers about technical matters, career and personal interests? Want to do that without leaving your desk?

Now ASME offers you a new tool to communicate, get the information you need and meet others with similar interests and concerns at the new ASME Communities of Practice site.

Several communities of interest, moderated by volunteer members, were launched for beta testing at the beginning of May, on topics ranging from Engineering Entrepreneurs to Power Plant professions. After beta testing is completed at the end of June, the communities will be opened to members who wish to participate or suggest new communities.

On the CoP site, you can join a community, search for a community member, suggest a new community, participate in discussions and polls, and post your own message or request to be notified when messages are posted on the community. It's your choice what communities you participate in, and how you choose to participate.

The Communities of Practice pages also allow you to customize your own personal page to include your communities, your own links and calendar and to access an ASME event calendar.

You will need to register the first time that you use the page, and set your preferences for your home page. It only takes a few moments – then you are ready to participate, or just observe the discussions. To visit the site, and test the features for yourself, go to www.cop.asme.org

Second Edition Of Gas Turbine Performance Now Available

ASME has announced the release of the second edition of Gas Turbine Performance, a book for engineers on how to achieve optimum fuel efficiency, stability and emission control in aircraft, marine, and other types of gas turbine systems.

For more information, or to purchase Gas Turbine Performance, contact ASME by calling (800) 843-2763 or infocentral@asme.org. Refer to order No. 802116.

Engineering Week Event February 2004

This year the Materials Science & Engineering 2004 demonstrations evening was held Monday, February 23 from 5:00-7:00 PM at the Los Alamos High School DECA. Nine volunteers from the Northern New Mexico ASME Chapter helped in manning different demonstrations. The local chapter of ASM provided the rest of the volunteers.

Demonstrations were related to science and engineering and included: design, properties, physics, corrosion, metallography, density, effects of temperature (LN2), materials processing, statistics, computer modeling with neat graphics, joining, machining, safety, cars, flight, puff mobile and others.

Over 200 students from grades K-12 and 30 adults attended the event. Both participants and volunteers had a very positive experience and everyone expressed the desire that this event continue on an annual basis. To handle this many visitors, we will need much more help next year with the demonstrations. If you are interested in helping please contact Snezana Konecni (konecni@lanl.gov).


Introduce a Girl to Engineering

ASME and the Girl Scouts of the USA have a formal agreement of cooperation. The goal is to help improve the math, science, and technology literacy of girls and to raise their awareness of the technology-related career paths available to them.

We had a great turn out for this event, with approximately 70 Girl Scouts learning how much fun engineering can be. We had participation from about seven Scout Leaders and eight volunteers. Snezana Konecni organized the event with help from Jessica Clark, Amanda Rutherford, Renida Carter, Catherine French, Terry Rudell and Kay Birdsel. This program began in 2003 with the major energy and focus provided by Snezana Konecni and Catherine French. We are touching a lot of lives and the responses are especially rewarding.

DO YOU FEEL LIKE A FISH OUT OF WATER... when it comes to your career?

Join our
EMentoring
Community



Sign-up for a Mentor
TODAY!

www.asme.org/ementoring
eMentoring

ASME Nano Training Bootcamp @ Northwestern

ASME's 2nd Nano Training Bootcamp, June 29-July 2 in Evanston, Illinois examines advances in the fundamentals related to nanoscience and explores opportunities for translating those advances into useful nanotechnologies. Tutorials on characterization, solids and devices, societal impact, and fluids/synthesis/devices will be presented by leading nano experts from DuPont, Georgia Tech, Berkeley, Northwestern, UVa, MIT, Columbia, University of Lund, UC Santa Cruz, U Washington and NanoInk. Participants get a broad overview of instrumentation, techniques and facilities. Enrollment is limited to 80 individuals. Details on <http://nano.asme.org>

ASME Fuel Cell Science, Engineering and Technology Conference

The second international conference from June 14-16 in Rochester, N.Y. covers advances in the field of fuel cell systems and components for stationary, mobile and portable power generation applications. Don't miss updates from GM Global R&D, Ballard Power Systems, UTC Fuel Cells, Royal Institute of Technology (Sweden), Kyoto University (Japan), Rolls Royce Fuel Cell Systems Ltd., Sulzer Hexis Ltd. (Switzerland), German Aerospace Center and more! Details on <http://nano.asme.org>

2nd International ASME Microchannels and Minichannels conference

Visit Rochester, N.Y. from June 17-19 and learn characteristics of fluid flow and heat transfer in microchannels and minichannels in a wide variety of fields including fuel cells, refrigeration, heat exchangers, electronic cooling, and biomedical devices. Leaders from Intel, General Motors Corp., Integrated Nano-Technologies, MIT, RIT, Kyoto University (Japan), University of Toronto, Institut fur Mikrotechnik Mainz (Germany), and more will present findings. A few conference topics are: Single Phase Flow, Single Phase Vapor, Two Phase Flow, Condensation, Electronics Cooling, Injeck Printing. Register at <http://nano.asme.org>

ASME Offers MIT Summer Programs For Engineers

ASME has teamed up with the Massachusetts Institute of Technology in providing summer engineering programs offered by the MIT Professional Institute.

The program will give participants access to some of the leading experts in a variety of engineering fields.

These one-week certificate courses will be held on the MIT campus. Among them are: Biotechnical/Pharmaceutical, Computer Engineering, Energy/Environment, Manufacturing & Automotive, Physics, Optics and Astronomy, Systems Design, Data & Models, Transportation, and Organizations, Policy and Economy.

As a special offer to ASME members, MIT is offering a 10 percent discount off the retail price of the programs. For more information contact ASME at 1-800-843-2763 or register online at <https://secure.asme.org/VirtualCampus/MIT2.cfm>

ASME Distinguished Lecturer Dinner Meeting

Indy Racing and the Effect of Aerodynamics on the Car

Arthur W. Ebeling

Date: Saturday, June 26, 2004

Location: De Colores Restaurant, Los Alamos, NM

Time: Social time 6:00-6:30 PM

Dinner 6:30-7:15

Lecture 7:15-8:15

Menu: Mexican Buffet Cost: ASME Members \$10, Non-members \$20, Students \$5

Limited Seating. Reservation required by June 23. RSVP to Mike Steinzig at 661-3000 or Steinzig@hytecinc.com.

Mr. Ebeling's involvement in various levels of racing spans professional to student competitions, and has afforded him the rewarding opportunity to observe developments arising from the innovations in racing that have been implemented over the years.

Arthur W. Ebeling holds a B.S. from Rose Hulman Institute of Technology. He is the holder of several patent rights and is an ASME Fellow. His latest position was Regional Director of ASME's Midwest Regional Office.

Minority Leadership Program Interns Needed

The Board on Diversity and Outreach (BDO) is currently accepting applications for its 2004-05 class of Minority Leadership Program interns. A description of the program, as well as an application, are available at <http://www.asme.org/communities/diversities/bdo/minorityleadership.html>

The application deadline is July 15, 2004.

2004 BDO Awards

The Board on Diversity and Outreach (BDO) is currently accepting nominations for the 2004 BDO Award. You may access a description of the award, as well as an application at <http://www.asme.org/communities/diversities/bdo/award.html>.

The deadline for nominations is July 31, 2004.

Section News

The Northern New Mexico Section of ASME has been sending out notices of our activities via e-mail. The section has discontinued sending out newsletters via the U. S. Postal Service, except for once a year. To stay current with ASME activities please keep your e-mail address up to date by going to the following link on the internet to update your profile:

<http://members.asme.org/myasme/login/myasme.cfm>

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