

Central Oklahoma Section Newsletter

Volume 8, Number 1

August 2006



Inside this issue:

| | |
|--|---|
| NIA Partners with ASME | 2 |
| Fundraising Committee | 2 |
| Chair's Corner | 3 |
| Getting to Know Andrew Brugger | 3 |
| Election Results | 3 |
| Membership Roster Update | 4 |
| Call for Student Information | 5 |
| Future ASME- Central Oklahoma Section and Other Events | 6 |

August ASME COS Meeting Announcement

Speaker: Ron King, National Insulation Association (NIA)

Topic: "The Power of Insulation"

Place: Oklahoma Engineering Center
201 NE 27th Street, Oklahoma City, OK

Time: Thursday, August 24

6:00PM: Registration & Social

6:50PM: Meeting and Announcements

6:20PM: Meal

7:00PM: Presentation

Cost: \$10 for all Senior Members and Guests, \$5 for Student Section Members

PLEASE PLACE RESERVATIONS BY 12:00PM TUESDAY, August 22.

Students Make reservations at your respective university's Mechanical Engineering Office and bring your ASME student membership card.

Members Make reservations with Nathan Weber; webern2@asme.org; Ph. (405) 255-4061 (with each reservation, please include the name of each guest &/or student). This will count as 2.0 PDH for attending professional engineers.

THE POWER OF INSULATION

In the Commercial, Industrial & Mechanical Segments of the Construction Industry

Can insulation reduce energy consumption and emissions; be part an integral part of your safety program; improve the environment in which you work; increase productivity; eliminate or at minimum reduce corrosion under insulation, control condensation and mold growth and provide a great return on your investment? Usually what sounds too good to be true, isn't. That's not true here. You

have to see it to believe it. Did you know that insulation is applied but rarely engineered? This presentation provides evidence as to the power of insulation when designed, installed and maintained properly and provides educational tools, including a comprehensive energy management software program, to assist you in your selection and evaluation of this forgotten technology, simply known as insulation.

Diverse business and industry experience has provided Ron King

(Continued on page 2)

2006-2007 CENTRAL OKLAHOMA SECTION EXECUTIVE COMMITTEE OFFICERS

| | | | | | | | |
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Additional August Meeting Information

insight and practical knowledge in the fragmented insulation and construction industry. During his forty year tenure in the industry he has served as an Executive Officer of a major specialty insulation contract, insulation accessory manufacturer and recently retired as the specialty distributors. He is a past President of the National Insulation Association (NIA), the Southwest Insulation Contractors Association and the World Insulation and Acoustic Organization. He has been honored with the "President's Award" on three different occasions from two associations. He currently is a consultant to

NIA. His experiences allow him to employ an interactive and humor laced approach in his presentations.

About the National Insulation Association (NIA)

NIA is a fifty year old trade organization whose members specialize in contracting, distribution- fabrication and manufacturing of mechanical insulation for industrial and building applications, refractory applications, environmental remediation and other related services. NIA and its Foundation for Education, Training and Industry Advancement are committed to creating and providing educational and awareness programs as to the

power of insulation. NIA's scope of activities includes working with private industry, federal and state government agencies and strategic partner organizations, such as ASME. NIA is continually striving to increase the success and professionalism of the overall industry and to increase membership value for their and their strategic partner's members.

For more information please visit NIA at their website at <http://www.insulation.org>

ASME And The National Insulation Association Form Partnership

NEW YORK, Aug. 2, 2005 - ASME and the National Insulation Association (NIA) have signed a memorandum of understanding that leads the way for the two organizations to commence a strategic partnership aimed at supporting mutual interests in the areas of professional development programs.

ASME (American Society of Mechanical Engineers) and NIA will partner in providing jointly sponsored workshops at technical, professional and student conferences and workshops held by each organization. The two groups will offer continuing education and professional development programs and provide discounts and reduced rates on products and services.

"We are excited about our partnership with ASME and the opportunity to provide ASME members information on the 'power of insulation'," said Gerry Scott, NIA president. "We are committed to contributing to ASME's initiatives in

increasing membership value through education and quality programs in all facets of the mechanical and multidisciplinary engineering community."

Founded in 1953, the NIA is a trade association representing the mechanical and specialty insulation industry. Its 400 member companies specialize in commercial and industrial insulation contracting, refractory contracting, environmental remediation, insulation distribution, fabrication and lamination, and other specialty fields.

"As we strengthen new and existing partnerships and alliances, ASME continues to enhance the technical competency and professional well-being of its members and those within the engineering and technology community," said Virgil Carter, ASME executive director.

http://www.asme.org/NewsPublicPolicy/PresReleases/National_Insulation.cfm

ASME COS Fundraising Committee Formed

As we move forward as a professional engineering society, it is important to give back to our community. The ASME COS executive committee has formed a fundraising committee to handle such ventures.

The fundraising committee will begin planning and implementing strategies for the purpose of raising funding for the ASME COS Scholarship fund soon. Last year we raised enough money to fund a \$500 scholarship to each of our four student sections through the successful golf tournament held in April.

We hope that you will help us reach our goal this year by volunteering on the committee, participating in the fundraising activities, or making charitable donations to the fund.

ASME Publishing NEWS

Turbine Aerodynamics: Axial-Flow and Radial-Flow Turbine Design and Analysis

By **Ronald H. Aungie**

**Mister Mech Mentor, Volume I
Hydraulics, Pipe Flow, Industrial HVAC
& Utility Systems**

by *James A. Wingate*

**Structural Shear Joints: Analyses,
Properties and Design for Repeat
Loading**

By *George T. Hahn, Kaushik Iyer, and Carol A. Rubin*

Chair's Corner

Dear ASME-Central Oklahoma Section Members:

Welcome back to a new ASME Central Oklahoma Section program year! I hope that the last couple months of summer have treated all of you well.

At the end of the 2005-2006 program year, we ended with an excellent tour at **Bergey Windpower Corp.** in Norman. Fifty ASME COS members and guests attended this event including guests from the Norman Girl Scout Troop. I would like to thank Mr. Mike Bergey of Bergey Windpower Corp. for hosting last May's meeting. Mr. Mike Bergey, President and CEO of Bergey Windpower Corp., gave a presentation on the various types of wind power generation techniques and their various sizes of different generation schemes.

He demonstrated which areas Bergey Windpower Corp. will pursue in this market in the future. A tour of the newly opened facility followed the presentation, which was certainly enjoyable.

I am happy to report that in June 2006 the Central Oklahoma Section was featured in the **K & C Communiqué**, a newsletter sent to ASME unit leaders around the globe. Due to our success of the 1st Annual ASME COS Golf Tournament, we were asked to share our experience with other ASME sections. Additionally, a fundraising committee was formed over the summer to successfully plan the 2nd Annual ASME COS Golf Tournament and other fundraising activities. We look forward to awarding several student scholarships in the spring that were made possible by the fundraising activities last year. **If you would like to get involved in the ASME COS Fundraising Committee, please contact me.** The committee will begin working

towards a higher fundraising goal than last year very soon!

The start of the 2006-2007 program year will begin with a highly recommended presentation pertaining to the engineering and application of insulation. This will be a well attended event from ASME COS members and guests alike. All professional engineers in attendance will receive **2.0 PDH**. For those of you wondering what happened to the August tour – fear not, we have a fantastic tour planned for the September program. The first two pages of this newsletter contain more details concerning our **August 24th** program. **Please plan to attend and bring a co-worker or a friend!**

Nathan A. Weber -- Chair

Central Oklahoma Section 2006-2007 Election Results

The ballots have been counted and the results are as follows:

Chair: Nathan Weber

1st Vice-Chair: Stan Wells

Treasurer: John McCachern, P.E.

Secretary: Tom Betzen, P.E.

Vice-Chair, Programs: Albert Janco, P.E.

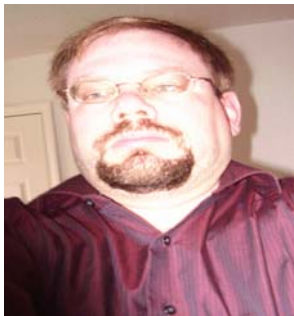
Vice-Chair, Membership: Stan Wells

Vice-Chair, Professional Development: Mike Frey

Directors: Jon Akins; Andrew Brugger; Frank Chambers, Ph.D., P.E.; Wendell Cavin, P.E.; Bill Green, P.E.; John Heaton, P.E.; Dan Metzger, P.E.; Frank Parker, P.E.; Ed Reynolds, P.E.; Elizabeth Schwartz; Jamal Siddiqui; Curtis Vickery, Ph.D., P.E.; Vladimir Yum.

This is a fine group of officers & we are very fortunate to have such willing volunteers. CONGRATULATIONS!

Getting to Know Andrew Brugger



Andrew Brugger is a Graduate of The University of Akron, Akron, Ohio. While a student, he was heavily involved in both the student and Professional sections of ASME. For three years he was the liaison between the student section and the Professional section. He has been a member since 1999.

After graduating in May 2005, Goodyear Tire and Rubber Company hired him to be a technical engineer in their Lawton Oklahoma plant. This is his first engineering job. His job is to manage the capital projects in the mixing and extruding areas and to help both maintenance and production with the equipment.

This is not the first time that Andrew has moved to a new state. He spent five years as a nuclear machinist mate in the US Navy aboard the USS Ohio based out of Bangor Washington.

This is Andrew's first stint on a local section's board as a member. He was invited to join the Akron section's board if had stayed in the area. This is also his first stint at doing

newsletters.

Andrew enjoys playing computer games, reading, watching old movies and golf.

ASME CENTRAL OKLAHOMA SECTION MEMBERSHIP ROSTER UP-DATES

Due to funding cuts imposed by ASME, the Executive committee of the ASME Central Oklahoma Section has discontinued the mailing of our monthly newsletters in order to reduce operating expenses. The ASME COS monthly newsletter is currently posted each month on our Section website at:

<http://sections.asme.org/centralOK/>

In order for each of our ASME COS members to receive a copy of our monthly newsletter with our Section meeting notices, it is necessary that each member have up-dated information on the ASME Central Oklahoma Section membership roster. A recent review of our Section membership listing

revealed that the members listed below do not currently have e-mail addresses posted on this listing.

To provide each of our members with our section monthly meeting notices, we ask that each of the members noted below please visit the following website link:

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

Click on "Update Address/Contact Information" in the right hand column. You will need your ASME member number to access this website. Keeping accurate & up-dated contact information allows us to keep you better informed on our ASME COS activities. We hope this information is helpful for each of you in keeping your information up-dated on our ASME COS membership roster.

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|--------------------|-------------------|------------------------|-----------------------|
| Larry J. Acker | Lyle Harms | Edward A. Durell | Ben P. McGoodwin |
| John E. Tallon | Stephen C. Allman | Lee D. Jackson | Ronald D. Evans |
| Tom D. Harris | Edward Harrah | William W. Schweikhard | Jeffrey D. Marx |
| Bradley D. Brunkow | Walter B. Ingram | Bruce A. Feiertag | John J. Shelton |
| Richard J. Webb | Wendell D. Cavin | Michael A. Stalzer | John E. Francis |
| Harold Lambertus | Ronald O. Wells | Warren Sherman | Randall C. Forristall |
| Farrow C. Dodd | Eldon D. Lyon | Louis G. Gitzendanner | Jay H. Stafford |
| Cline T. Young | Robin D. Drumm | Monika Salas | Curtis H. Guernsey |
| James D. Matheny | Don A. Lucca | Charles J. Stapp | James R. Willis |

Call for Submissions: Mechanical Advantage

Do you have something to share with ASME's Student Members? Submit your article or ideas to *Mechanical Advantage*, ASME's online student newsletter. *Mechanical Advantage* offers engineering students useful articles, program information and upcoming events and deadlines. Please send all submissions to <mailto:mechadv@asme.org>.

Student submissions are highly encouraged!



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Student Activity Calendar

It is back to school for our area student engineers. I would like to reserve this space and other areas in this newsletter for our student members to inform the Professional section of upcoming events and to use for the students to update the other schools of activities that are being held. If you are a student section board member with information for the newsletter please contact me at ajbrugg@yahoo.com. Thanks in advance for allowing us to get out the news from the students.

ASME Deploys Vivísimo Velocity Search Engine

ASME has launched a new search engine on ASME.org with Vivísimo Velocity as its enterprise search platform. With Velocity, ASME is leveraging existing assets to search and combine the company's internal content management system, products catalog, and other Web content while presenting all results organized into easy-to-navigate folders. Now, thousands of ASME.org users will have access to multiple content sources searchable from a single, user-friendly interface.

To try out ASME's new search engine, visit <http://www.asme.org>

DRAWING DATE: OCTOBER 1, 2006

Three Chances to Win!

[Renew your ASME membership](#) by August 1 and get three entries, September 1 and get two entries, or October 1 and get one entry.

Rules: (1) All paid renewals must be received on or before October 1, 2006. (2) Price as indicated or gift certificate for equal value to a major electronics store in your area. (3) Winner will be notified by phone and posted online. (4) Online payments receive three entries. (5) Renewals prior to August 1 receive three entries, prior to September 1, receive two entries, and prior to October 1 receive one entry.

Online Renewal Bonus

[Renew online](#) by October 1 and receive three entries.

R e n e w a l E a r l y B o n u s
[Renew early online](#) or by phone, mail or fax, and receive additional chances to win ([see entry rule five](#)).

2006 ASME International Keynote Speaker

David A. Vise, a Pulitzer Prize-winning reporter for The Washington Post, and author of four books including his latest The Google Story, will be the keynote speaker at the 2006 ASME International Mechanical Engineering Congress and Exposition to be held, Nov. 5-10, at the Hilton Chicago

Hundreds of sessions, forums, exhibits, tours and social events keep you current on the latest trends in technology and industry, and provide the opportunity to trade tips and share ideas with engineers in different industries and companies around the world.

Pulitzer Prize-winning journalist to deliver keynote address at 2006 ASME Congress

Reminder that it is that time again to renew your membership into ASME. Young engineers get a reduced rate as they progress:

| | |
|------------------------------------|--------------|
| Fellow, Member, Affiliate: | \$126 |
| Member within 1 yr of Grad. | \$50 |
| Member within 2 yrs of Grad | \$69 |
| Member within 3 yrs of Grad | \$88 |

Future ASME-Central Oklahoma Section and Other Events

| DATE | LOCATION | EVENT DESCRIPTION |
|--------------------|------------------------|---|
| 28 SEPTEMBER 2006 | GUTHRIE AIRPORT | ROCKETPLANE (Joint Meeting with AIAA) |
| 26 OCTOBER 2006 | UNIVERSITY OF OKLAHOMA | NANO TECHNOLOGY PROGRAM |
| 5-10 NOVEMBER 2006 | HILTON CHICAGO | ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION |
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FOR UPDATES ON THESE AND OTHER EVENTS, VISIT OUR SECTION WEB SITE AT

<http://sections.asme.org/CentralOK>