

Central Oklahoma Section Newsletter

Volume 8, Number 9

May



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May ASME COS Meeting Announcement

Speaker: Tour and Presentation

Topic: National Weather Center

Place: South-East Corner of Jenkins & David L Boren Ave

Date: Thursday, May 24, 2007

Time:

4:00 PM Tour of the National Weather Center

5:00 PM Presentation

PLEASE PLACE RESERVATIONS BY 12:00PM TUESDAY May 22nd to Albert Janco:

JANCOA@ASME.ORG

Please join us to tour the National Weather Center in Norman Oklahoma. The reservation dead line is Noon Tuesday May 22nd to Alberto Janco so that he can e-mail the list of names to the weather center by 3:00 pm. All non United States citizens will need to provide the following additional information if they want to attend the tour. Passport number and Country, place of birth and date of birth.

Please contact Albert Janco at JANCOA@ASME.ORG or call him at (405) 848-1991 for reservations or questions.

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2007 International Mechanical Engineering Congress and Exposition (IMECE)

Plans are well underway for another great ASME Congress on Nov. 11-15, 2007 in Seattle, WA. More than 3000 abstracts have been received and are currently being reviewed for quality and appropriateness for the Congress. The abstracts and papers that pass the review process will be programmed for presentations, along with several panel sessions and poster sessions. We expect to have at least 460 technical sessions programmed from Monday through Thursday. These presentations will be grouped into a new multidisciplinary Track structure. The Track topics are currently being developed. Some of the expected Tracks are:

- Micro- and Nano-Systems
- Mechanics of Solids and Structures
- Biomedical Engineering and Biotechnology
- Energy Systems
- Transportation Systems
- Mechanical Systems and Control
- Heat Transfer, Fluid Flows and Thermal Systems
- Design and Manufacturing
- Sustainable Products and Processes
- Safety Engineering and Reliability
- Processing and Application of Novel Materials
- Software for Engineering Applications

Engineering Education and Professional Development

The new Track system that replaces the Division-based programming was developed through unprecedented collaboration between Divisions and other ASME Units. Each Track consists of several technical Symposia on topics related to the Track theme, and each Symposium includes several topical Sessions. It is hoped that the new structure will make it easier to manage potential scheduling conflicts and will make the final program easier to maneuver. This is truly a departure from past practice, and I want to take this opportunity to thank all the Division Program Representatives and Track Chairs that helped develop the new system.

There are other changes to the overall program as well. The Honors Assembly, which has been a very important part of Congress, will be moved to Monday night. The Keynote presentation will take place on Sunday evening followed by a Welcome Reception for all attendees. Another important improvement is the daily Authors' Breakfast from Monday through Thursday. This event will provide an opportunity for the Session Chairs to meet the presenters in their sessions. Also, coffee and refreshments will be provided during breaks for all attendees.

In order to reduce the number of parallel activities and reduce scheduling conflicts, most of the governance and business meetings of ASME will be moved to Friday through Sunday. However, all Division level committee meetings and functions will be scheduled during the Monday-Thursday time frame. The popular Student Design Contest and Early Career Forum will be held on Sunday.

Last year in Chicago we implemented a new registration policy to reduce the potential no-shows that had plagued the Conference in recent years. All authors and presenters were required to register in advance. Since this policy was effective and substantially reduced the number of no-shows in Chicago, it will be followed in Seattle as well. Please check the ASME Congress web site (www.asme.org/congress) for further information and see how the technical program is taking shape.

We look forward to seeing everyone in Seattle for another successful Congress, the ASME's premier event.

Said Jahanmir

2007 Congress Chair

Chair's Corner

Can you believe this program year is coming to a close already? It has been a rewarding experience for me serving as Chair. Thank you to all of the 2006-2007 Executive Committee members for all of your support and efforts.

I encourage each COS member to **become active in the executive committee** at some point during their membership tenure. Not only does this keep veterans from "burn out", but fresh ideas are continually offered. Who knows — once you start, you may not want to stop!

That said, please think about attending the **2007 Annual Planning Meeting on May 17th** at 6pm in the Library of the Oklahoma Engineering Center. This is a critical brainstorming session that is vital to our section's success. If you plan on attending, please email me at webern2@asme.org

April was a very busy month indeed. The 2nd Annual Golf Tournament was held on April 23rd at the Coffee Creek Golf Course. **A big thank you to our sponsors and players who participated this year!** Our sponsors this year can be found on page 5 of this newsletter,

and the COS website will be updated shortly with this year's tournament sponsor information. We are very thankful to have this event, which is our only means to financially support the scholarships awarded each year.

The April meeting marked our annual Honors and Awards program. **Larry Kennedy** was the keynote speaker for the evening. **Doug Brown and Ed Reynolds** recognized several students and professional members achieving important milestones in membership, awards and scholarships. **Congratulations to all who received recognition this year for their accomplishments.**

The May meeting will be a **tour of the National Weather Center** in Norman. Following the tour will be a presentation. Note the special time for this event: 4pm.

The next newsletter will be published in August. Stay tuned for another exciting program year in 2007-2008!

~Nathan Weber, Chair

ASME Think Tank Summit to Address Today's Engineering Issues

Held in conjunction with the 2007 ASME Summer Annual Meeting in Toronto, Canada, the Society will conduct its first Think Tank Summit, June 10-11. The summit, held at the Fairmont Royal York Hotel, will address three issues critical to today's engineers. Panel sessions include "Fruits and Pitfalls of Product Lifecycle Management," which takes a look at the emerging importance of PLM and its impact on product development processes across the value chain to deliver the most business value. "Teaching Women Engineering, A Double Standard?" will look at the pros and cons of a recent report by the National Academies that suggests that colleges and universities are outmoded in their thinking of women in engineering, and "Human Factor Engineering, Designing for the User" will ask the question: Are all products designed with the consumer (human factor) in mind? Designers, critics and the audience will probe into this topic and also take a look at samples products that include the good, the bad, and the ugly. The ASME Think Tank Summit brings together leaders in industry, government, academia and ASME in three 90-minute town-hall-style discussions.

For more details and registration visit the Web site at <http://www.asmeconferences.org/SAM07/ThinkTank.cfm> or email to klaskyp@asme.org

2007 Scholarship Award Recipients

The ASME Central Oklahoma Section awarded four student scholarships for the Fall 2007 semester. The following students received this honor at the April meeting:

MARSHALL WARREN

RAPHEAL OKEREKE

MARY BRUCE

PETER C. ALLEN

All Student Sections:

Please think about sending a representative to the professional section's executive committee meetings that are normally held on the 1st Thursday of each month. The professional section would like to coordinate meetings and activities to provide support to the student sections within the Central Oklahoma Section of ASME.

ASME Student Chairs

OSU ASME MET

Chair: Peter Allen petercallen@sbcglobal.net

Vice Chair: Andrew Sippy a_sippy@okstate.edu

OSU ASME MAE

Chair: Mary Bruce mary.bruce@okstate.edu

Vice Chair: Richard Wilson richard.wilson@okstate.edu

OU ASME

Chair: Chance Mullins cmullins@ou.edu

Vice Chair: Drew Walton golddrum11@ou.edu

OCU

Chair: Kirby Dunagen

Vice Chair: Marshall Warren

ASME To Hold Three Industry-Focused Conferences on Biotechnology

Leaders in the science and engineering communities will assess the latest technology in bioprocess engineering, biomechanics and medical devices and instrumentation at three ASME conferences in June 2007.

The ASME Bioprocess Technology Seminars and Exhibits will be held June 4-6, 2007, at the Radisson-Dublin St. Helens Hotel in Dublin Ireland. The second conference, Frontiers in Biomedical Devices 2007, is scheduled for June 7-8, at the Hyatt Regency Irvine in Irvine, Calif. The 2007 Summer Bioengineering Conference will take place June 20-24, at the Keystone Resort and Conference Center in Keystone, Colo.

The three conferences will examine the progress and future directions in biotechnology research, and provide practitioners with the latest tools and training to advance commercial applications in the field. ASME's objective in presenting the conferences is to provide the fast-growing biopharmaceutical industry with useful resources to solve technology challenges.



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2007 Golf Tournament



THANK YOU 2007 Golf Tournament Sponsors!!

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2007 April Honors & Awards Meeting



Future ASME-Central Oklahoma Section and Other Events

DATE	LOCATION	DESCRIPTION
May 17th	Oklahoma Engineering Center	Planning and Vision issues for next year and beyond
May 24th	National Weather Center	Tour and presentation

FOR UPDATES ON THESE AND OTHER EVENTS, VISIT OUR SECTION WEB SITE AT

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