

Additional October Meeting Information

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approximately 140 kilometers in distance. This talk will discuss the details of the mission, its role in the future of US space program, its education values, and its current state of development. Below is the SR1 with the solar panels removed to expose the mount.



David P. Miller received his PhD in computer science from Yale University. He then led JPL's Robotic Intelligence Group where he took a leading role in developing

NASA's micro-rover technology. His research is divided between educational outreach and a new generation of space robotics. He is currently the Wilkonson Chair Professor of Aerospace and Mechanical Engineering at the University of Oklahoma and also holds the position of CTO at the KISS Institute for Practical Robotics.

Come out to learn more about the fascinating space exploration research happening in Oklahoma, and bring a friend.

Newsletter Distribution Announcement

This newsletter will be the last hardcopy sent to the majority of the Central Oklahoma Section membership. Due to the funding cuts by national, all ASME Sections must become financially self sufficient. The Executive Committee is currently working hard to find fundraising ideas to continue providing the quality programs we have brought in the past. The move to restrict mailings follows many other professional societies and will get the newsletter to you faster. If members do not have convenient computer access they will not be left in the dark. **Please provide your name and mailing address to Frank Parker before the end of October to ensure a copy of November's Newsletter.** He can be contacted at:

405-739-1813 (P)
or
Frank Parker
NW 26th St.
Oklahoma City, OK 73127

Thank you for your understanding,

Jon Akins -- Newsletter Editor

Knowledge and Community

The **Knowledge and Community (K & C) Sector** is one of the four sectors making up the Engineering and Technology Enterprises. The sector is designed to deliver value to members and customers through member unit programs and activities.

K & C is made up of more than 800 of these member units that originally existed under the Council on Engineering and the Council on Member Affairs.

The member units include:

- Technical Divisions
- Sections
- Student Sections
- Self-forming Groups and Communities of Practice

The K & C Board of Directors is working now to have in place a support structure that will enable unit volunteer leaders to continue to provide high quality programs aimed at the acquisition and dissemination of technical knowledge, providing opportunities for engineering practitioners to connect and to exchange ideas, and to promote the advancement and professional development of our members and customers.

The K & C Board of Directors are:

Wade Troxell	Senior Vice-President
Larry Dickinson	VP, Programs & Activities
Karen Moore	VP, Technical Communities
Richard Jacobsen	VP, Financial Operations
S. Dyer Harris	VP, Affinity Communities
Doug Brown	VP, Global Communities
Hank Cook	Chair, Representation & Governance
Terri Taylor	Chair, Information & Communication
Dan Segalman	VP, Technical Communities (Nominee)
John Wesner	VP, Programs and Activities (Nominee)
Burt Dicht	Managing Director (staff)

Young Engineers Award

The Old Guard Committee of ASME is accepting nominations for the Young Engineers Award. ASME members that have made great strides in the engineering profession, their community and the work of the society and have continuous membership since becoming an ASME student member and earned a baccalaureate degree in Mechanical Engineering between the years March 1, 2000 - March 1, 2002 are eligible to apply.

The Grand Prize is \$5000 including a prepaid life ASME membership. Learn more about the selection criteria and how to nominate.

Visit <http://www.asme.org/cma/og/youngengineer.html>

Chair's Corner

Dear ASME-Central Oklahoma Section Members:

As mentioned in last month's issue, our Section must undergo some change. As you may notice in today's newsletter (the last to be mailed to all except a few) it has already begun. **Doug Brown, ASME Vice President of Global Communities**, presented details on the restructuring of ASME at large and at our local level during last month's section meeting. Although the attendance wasn't what I was hoping for, those who did show had some very interesting views on the direction ASME is going and how our section should proceed from here. We would like to thank Doug for taking the time to give us the inside story on the restructuring of ASME and on its financial underpinnings, which have brought significant changes to the way sections are supported at the national level.

The resulting changes decided on recently by the Central Oklahoma Section are not undertaken merely for our survival, but also to take us in a direction of providing improved benefits to our membership and the engineering community in general. Besides cutting one of our major expenses—the publication and mailing of newsletters to all members and other sections in the region—we are considering several ideas to raise revenue. One, for example, would promote science and engineering at the K-12 level in the form of a one-day building contest using kits provided to participating student teams. We hope to raise funds through company

sponsorship of participating schools. Other ideas involve group social activities, such as golf or bowling tournaments.

Of course we will continue to publish our newsletter and special announcements online. Those few members who express a need for continued mailing of a paper newsletter will be accommodated, as we don't want to cut off anyone who may not have easy access to computing assets. However, I feel we need more input from our members to ensure our Section is relevant to their professional needs and interests. If you have any suggestions or comments, please forward them to me at park-erfj@asme.org.

One area we're always loathed to cut would be in the programs and presentations given at our general section meetings. If anything, we would like to raise enough revenue to bring in more high quality presenters such as the one we have scheduled for this month. **David P. Miller, Professor of Aerospace & Mechanical Engineering at the University of Oklahoma**, has agreed to show us some very interesting work being performed at OU geared towards sending robotic exploration vehicles to the Moon. More details are provided in the first two pages of this newsletter. I hope many of you will find the topic of great interest and plan to attend. Please invite a co-worker, family members, and any student who you think would be interested.

Frank Parker -- Chair

One Stop for ASME Member Support

Now that ASME has moved on from Continuity & Change to the Implementation phase, one of the obvious changes will be in how we support our members. Now that our field offices have been closed, member support has been consolidated in the ASME Information Central. Should you need to contact ASME with questions regarding your membership, you'll only to call one phone number, or send one email.

Phone: 800-843-2763

Phone: 001-800-843-2763 (Mexico)

Phone: 973-882-1170 (Outside North America)

Fax: 973-882-1717

Email: infocentral@asme.org

For a full list of contact information, please go to:

<http://regions.asme.org/closures>

Early Career Engineer Essay Competition

The Old Guard Committee of ASME is accepting entries for the Early Career Engineer Essay Competition. ASME members who have 4-10 years work experience in professional practice since graduation may apply. For complete details log-on to the competition webpage:

<http://www.asme.org/youngengineers/essaycompetition.html>

Government Relations

Starting Nov 1, 2005, all "Registered Professional Engineers" will be renamed as "Licensed Professional Engineers." This change applies to all design professionals throughout the state: Professional Engineers; Land Surveyors; Architects; and Landscape Architects. These changes made to the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors are part of a modification to Title 59.O.S., SECTIONS 475.1-475.2a that just recently passed the House and the Senate and were signed by Gov Brad Henry.

ASME Connections Now On ASME.ORG

As ASME moves to the implementation phase of its reorganization, it has become essential to provide membership with a centralized site for accessing up-to-date information.

ASME Connections (www.asme.org/asmeconnections) provides easy access to the new structure and strategies of ASME.

At ASME Connections People, meet the faces behind some of the successes so far; converse with other members at ASME's growing Communities of Practice web forum; and learn about the new programs that are being developed by the Society at the New Initiatives link. You may also access a number of news outlets such as ASME News Online, Inter-Comm, the quarterly news publication, and the ASME Press Room.

ASME Connections will be updated regularly. For additional information, contact Mel Torre, director, Communications at torrem@asme.org or 212 591 8157.

Future ASME-Central Oklahoma Section and Other Events

DATE	LOCATION	PROGRAM TOPIC AND SPEAKER
October 27	Oklahoma Engineering Center	ASME/AIAA Joint Meeting Distinguished Lecturer Program, "The OU Lunar Schooner" by David Miller, PhD

FOR UPDATES ON THESE AND OTHER EVENTS, VISIT OUR SECTION WEB SITE AT
<http://sections.asme.org/CentralOK>

Student Activity Calendar	
October	
Oct 15	Application Deadline: Winter/Spring Student Loans
Oct 22	Application Deadline: 2005-06 Graduate Teaching Fellowship
Oct 28	Fundamentals of Engineering Exam
*	Attend a Student Leadership Training Seminar
November	
Nov 1	Preliminary Report Due: Ingersoll-Rand Contest
Nov 1	Application Deadline: Diversity Action Grant
Nov 5-6	Young Engineers Forum – held at Congress
Nov 6	Student Design Contest – Finals held at Congress
Nov 5-11	Congress – Orlando, Fla.
*	Old Guard Oral Competition – held at Congress

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DATED MATERIAL - PLEASE DO NOT DELAY