



## ***Additional January Meeting Information***

Dave Urie continues to enjoy a successful career as an aerospace hardware program manager and technical innovator. He repeatedly demonstrates strong leadership, communications, planning and administrative skills at all stages of project maturity from conception and design, through ground and flight test, to operations. He is especially effective communicating and coordinating hardware development efforts with commercial and government customers, suppliers and regulators. He has served as an executive at Rocketplane Limited, served as an executive at the Lockheed Martin Corporation, as a consultant to industry and government, and as chief executive and co-founder of an innovative start-up enterprise.

Mr. Urie's accomplishments have encompassed all flight regimes from sea level hover to geosynchronous orbit, technical risk levels from radical advanced concepts to mature systems and exposure regimes from deep black security to commercial and consumer marketing.

Mr. Urie is particularly effective communicating technical goals, concepts and plans to technical and non-technical audiences. He has presented briefings to the NASA administrator; the Secretary of the Air Force; Commander, US Space Command; a General Officer Steering Board; numerous members of Congress and their staffs; Office of Management and Budget; Federal Aviation Administration as well as to three Lockheed Martin CEO's and their corporate executive committees. He has briefed press conferences and given numerous individual interviews to print media. He has been interviewed on American, British, Canadian, German and Japanese television. He participated as a member of a four person team holding more than 15 public briefings and hosting questions and answer sessions at town meetings around the western United States.



### ***25<sup>th</sup> AIAA/ASME Oklahoma Symposium***

The 25<sup>th</sup> annual Oklahoma AIAA/ASME Symposium will be held at the Advanced Technology Research Center on the Oklahoma State University-Stillwater campus on Saturday, Feb. 12, 2005. The purpose of the symposium is to encourage communication among the engineers of Oklahoma's universities and industries. The symposium encourages the widest possible participation. While the deadline for the submission of presentation abstracts has passed, you are invited to participate by chairing a session, or just attending presentations to listen and discuss the papers with the authors. The Symposium schedule is presented below. Following welcoming remarks, it is expected that over 50 presentations will be offered through the morning in parallel technical sessions. Presentations are scheduled for 15 minutes, with 12 minutes for the author's presentation and 3 minutes for questions. Lunch, which is included in the registration, will be at 12:30, with an invited luncheon speaker. We are sure that even if you are not making a presentation, attendance will give you some ideas that you can apply to your own technical problems. Practicing engineers also will be able to earn PDH credits needed for PE registration renewal. The program, with presentation titles and authors, will be on the Symposium Web site. The registration fees are \$25 for professionals and \$7.50 for students. We hope that you will attend and be an active participant. For more information or to volunteer to chair a session, contact the organizers at "symposium2005@acl.okstate.edu" or phone OSU at (405) 744-5901.

<b>Schedule:</b>	8:15 am	Registration with Coffee, Juice and Donuts
	9:00 am	Introduction and Welcome
	9:15 – 10:30	Parallel Technical Sessions
	10:30 – 10:45	Coffee and Juice Break
	10:45 – 12:15	Parallel Technical Sessions
	12:30 – 2:00	Lunch with Invited Speaker.

#### **Registration:**

\$25/person registration for practicing engineers, \$7.50/person for students. Registration includes lunch and Symposium Proceedings with presentation abstracts and author contact information. There will be no pre-registration, but instructions for making e-mail reservations and a registration form are on the Symposium Web site. We need a reservation count to order refreshments and lunches. Your filling out the registration form ahead of time will expedite the registration process. The Web site is: <http://acl.okstate.edu/users/symp25/>

#### **Directions and Parking:**

The Advanced Technology Research Center (ATRC) is on Hester Street on the OSU campus, just west of the Pickens Stadium/Lewis Field football complex, and on the west side of the Engineering North building. The most convenient parking is in the lot north of the ATRC. This lot is northeast of Engineering North and is bounded on the north by Cordell Hall and on the west by the Noble Research Center. A campus map is on the Symposium Web site

## Chair's Corner

### Dear ASME-Central Oklahoma Section Members:

Our December 16<sup>th</sup> meeting was attended by 23 to hear Dr. James Kenderdine, Associate Professor of Marketing & Supply Chain Management at the University of Oklahoma, presentation entitled "When Good People Make Bad Decisions: Business Ethics Revisited". This month's ASME COS meeting will be a joint meeting with AIAA on Thursday, Jan 27<sup>th</sup> at the Oklahoma Engineering Center. Our speaker is David Urie, Vice-President/Program Manager, Rocketplane, Ltd. His presentation will provide insight/status on Rocketplane's efforts to develop a commercial space vehicle that will depart from the Oklahoma spaceport and take space travelers 100 km above the Earth where they can experience the sensation of weightlessness. You may even be able to book your reservation for this space trip adventure.

Please make plans to attend the Joint Engineering Societies Banquet next month during "Engineers Week 2005" on Thursday, Feb 24, 2005. The speaker for this event is Dr. Bob Blackburn, Executive Director, Oklahoma Historical Society. The topic of his presentation is "A Story of Innovation: Exhibits planned for the new Oklahoma History Center" that includes technical accomplishments by Oklahomans. Our ASME COS has tickets for this event that will be available for purchase at our Jan 27<sup>th</sup> meeting. Further information on obtaining these tickets is provided in this newsletter.

Hope you can join us for our next Section meeting on Thursday, Jan 27<sup>th</sup>. Please plan to attend & bring a friend.

Wishing each of you a healthy & happy New Year!

**Ed Reynolds -- Chair**

### "Getting to Know You" – Nathan A. Weber



Nathan Weber, currently serving as a director on the COS Executive Committee, is a senior design engineer at York International in Norman, Oklahoma. Nathan has worked at York International in this position for almost 2 years. Prior to this, Nathan completed his cooperative education certification with York International by working as a design engineer intern.

Nathan completed his B.S. in Mechanical Engineering in May 2002 from Oklahoma State University. He couldn't stand to stop hitting the books, so Nathan continued on to get a M.S. in Mechanical Engineering and officially graduated in December 2003. He concentrated on heat transfer and fluid dynamics. Nathan is toying with the idea of going back again part time to broaden his knowledge of the business world.

Outside of the engineering world, Nathan invests his time in family, friends and hobbies. Nathan is married with his 3<sup>rd</sup> anniversary coming up this summer, and he has enjoyed exposing his wife to his hobbies. Nathan enjoys rock climbing, backpacking and mountain biking when there's no snow on the ground. When snow is around (or when Nathan leaves to find some snow) he switches over to snowboarding and snowshoeing. Just recently, Nathan has thought about getting back into the rocketry he did when he was younger...but a little bigger than your normal store-bought size.

### Celebrating 125 Years of ASME

Log onto [www.asme.org/anniversary](http://www.asme.org/anniversary) for up-to-date information on events for ASME's 125<sup>th</sup> anniversary, as well as how your local section can become involved.

Events that are scheduled to take place in 2005:

- **Founders Day: February 16, Wednesday**
- **Boiler Code Day: March 12, Saturday**
- **Heritage Day: April 7, Thursday**

Other events slated to take place during 2005 include landmark designations for William Seller's Screw Threads at the Franklin Institute in Philadelphia, Pa. and the Model-T at the Henry Ford Museum in Dearborn, Mich.



## Future ASME-Central Oklahoma Section and Other Events

Date	Location	Program Topic and Speaker
January 27, 2005 (Thursday)	Engineering Center 201 NE 27 <sup>th</sup> St, OKC	Rocketplane, Limited – David M. Urie
February 12, 2005 (Saturday)	Advance Tech Research Ctr Oklahoma State University, Stillwater, OK	25th Oklahoma AIAA/ASME Symposium (Abstracts Due on January 14, 2005)
February 20-26, 2005	Omniplex and Additional Venues in Oklahoma	Engineers Week Joint Engineering Society Banquet (Banquet Date - Thursday Evening, February 24)
March 31, 2005 (Thursday)	Texas Tech University Lubbock, TX	Region X - Regional Administrative Conference (RAC) Regional Student Conference (RSC) Graduate Student Technical Conference (GSTC)

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

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

ALSO VISIT THE ASME SOUTHERN FIELD OFFICE, DALLAS, TX AT

**<http://www.asme.org/regions/sro/>**

**The American Society of  
Mechanical Engineers  
OKLAHOMA ENGINEERING CENTER  
201 NORTHEAST 27<sup>TH</sup>  
OKLAHOMA CITY, OKLAHOMA 73105**

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