

Southeastern Michigan Section



ASME International

<http://sems.asme.org>



Section Newsletter, February 2004



2003-04 SEMS Officer Team

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Tom Libertiny 248-373-2500 libertinyt@asme.org

Secretary – PR & Marketing Committee

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Committee Members

David Kramer	Website	david.kramer@vw.com
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Rob Iera	Student	
	Relations	reiera@yahoo.com
J. Manjunathaiah	Golf Tourney	jmanjunathaiah@lambtech.com

Upcoming Events

“Creativity and Symbiosis”

**Dr. Joe Berke
Nulli Secundes Inc.**

Date: Wednesday, 11 February 2004

Time: 6:30 – 8:30 pm

Location: Cranbrook Science Building
39221 Woodward Avenue
Bloomfield Hills, MI 48303
1.877.462.7262

http://www.cranbrook.edu/institute/info/maps_directions.shtml

RSVP: Howard Berkof E-Mail: berkofh@asme.org
Phone: (585) 259-5150



Nulli Secundus looks for a better way. We take concepts to innovation and thereby create new products and methods of use. We endeavor to **perceive a need and how it can work**. This is the way invention begins. Beginning with only an idea, we apply for patents and trademarks to the U.S. Patent Office for exclusive legal right to license, manufacture and sell our products and methods of use. When patents are granted, the priority of invention is established.

However, to be successful a need must exist and be very **important, often** to a **large number** of individuals (I.O.N. rating). However, the ensuing invention must be understood and accepted with enthusiasm and then professionally prototyped, styled, manufactured, distributed and sold. Our function is essentially to teach ordered methods of invention and share our knowledge and experience.

Manufacturing Processes - Technical Session Prof. Lucy King Ph.D, Kettering University

Date: TBD, Saturday in late March

Time: 9:00 – 3:00pm (estimated)

Location: Kettering University

Cost: \$40 Professionals, \$35 Students

RSVP: Rebecca King E-Mail: rhk77@yahoo.com
Phone: (313) 845-8938\

See page 4 for detailed description

Message from the Chair

Dear Fellow Colleagues:

I just wanted to provide you with a quick update on the news within ASME both on the national and local level. On January 10, 2004 a small representative group from the SEMS went to Toledo, Ohio for the General Assembly National ASME meeting. During this meeting, the national level revealed its plans to restructure ASME in order to address the upcoming changes in ASME. The meeting addressed ASME leadership's goal to align the objectives of the ASME organization with its resources. It also reviewed the plans for structural changes in the organization that will promote ASME and ensure its continuity. For more information please see the discussions on our Tribe site. (<http://ASME.tribe.net>)

On the local level, SEMS plans to brave the cold and hold a number of events to carry us through the winter. This month we'll have our monthly section meeting at Cranbrook Science building where we'll have an interesting guest speaker on taking an idea and then successfully implementing it. We'll also participate in the National Engineers Week by taking some time out busy schedules to share with students what engineering is all about. I encourage all of you to help us out in this endeavor as we try to build the future of ASME.

SEMS then plans on bringing some heat to the long winter by holding the March monthly section meeting at the Cauley Ferrari dealership. Also, planned is a manufacturing processes technical session for later in the month. Finally to close out the winter months in April, we'll hold the Homeland Security for Small Businesses Conference. Please check for more details in our events section of the newsletter.

I hope that you are all surviving the cold winter and will spice up your winter by joining us in these events. It's going to be a great way to take the mind off the cold weather at least for a little.

With warm regards,
Rebecca
rhk77@yahoo.com

ASME Tribe Community Goes Global

With 57 members and growing, the ASME online tribe community (<http://ASME.tribe.net>) continued its rapid growth. Members from our Asian and European sections were recently invited to join and have begun to do so. Tribe.net is a free service that allows folks with similar backgrounds to communicate with each other via an easy to use web-based system.

The topic primarily being discussed this month is the Continuity and Change initiative. Reports from the three presentations to date (Washington D.C., Toledo Ohio, and Storrs Connecticut) have been posted. We highly recommend that you join and contribute your ideas prior to the March 2004 Board of Governors meeting.

Kent Alverson selected as Leadership Development Intern

Kent Alverson was recently selected for the prestigious ASME Leadership Development Internship (LDI). He will be serving with the Board of Governors beginning at the TEC meeting in March 2004.

The objective of the LDI is to provide an opportunity for highly qualified and motivated young mechanical engineers to serve a one year internship in an interactive learning experience with the governing and operating bodies of ASME. Each year, six young mechanical engineers who are ASME members selected for a tour of duty with each of ASME's five Councils and/or the Board of Governors. Candidates for these positions must be between five and 10 years past the BS degree EXCEPT for candidates for the position with the Council on Codes and Standards, who may be between five and 15 years past the BS degree. These Leadership Development Interns will be expected to attend and to participate in the activities of their selected group. The Interns will receive special assignments from the unit leadership and will be expected to comment on issues that relate to ASME's younger membership.

The Interns' year will then begin at the Summer Annual Meeting (SAM). They will participate in an orientation session that will be conducted by senior volunteers and staff. At this time, each Intern will meet with his or her Senior Vice President/Mentor and in the case of the Board of Governors, the Board member assigned by the President. At this meeting an assignment of duties and travel plans will be agreed upon by the Intern and his/her Mentor. As a minimum, each Intern will be expected to attend all the Council (or BOG) meetings to which he/she is assigned and to present written or oral comments on issues that relate to ASME's younger membership. Attendance at other activities such as TEC, Division Conferences, RAC's, etc. will be worked out on an individual basis within budgetary limitations.

A special panel session will be held during the International Mechanical Engineering Congress and Exposition at which each intern will make an oral presentation on accomplishments to-date, remaining goals, perceived benefits, suggestions for improvement, etc. This will be followed by questions and general discussion.

2004-05 Federal Government Fellows Program

The ASME Federal Government Fellows Program provides ASME members the opportunity to work for one year with a staff member of the US Congress, White House/Executive branch through the Office of Science and Technology or other federal offices. ASME will sponsor the fellow for one year. This is only applicable for US citizens and members of ASME. The application deadline is April 1, 2004. Please see <http://www.asme.org/gric> or contact rhk77@yahoo.com for applications or more information.



www.eweek.org

National Engineers Week / February 22-28, 2004

Volunteers Needed for National Engineers Week

Join other enthusiastic engineers from the section in promoting the field of engineering to area students. We are planning interactive sessions to present to classrooms of students at local schools. This will involve speaking briefly on your background as an engineer, conducting a demonstration and/or leading a group activity.

Please volunteer a couple hours of your time and inspire kids to consider a career in engineering.

Location #1: Anderson Middle School (Berkley)
(Located near 12 Mile and Coolidge)

Location #2: Lessinger Middle School (Detroit)
(Located near the Southfield Fwy & Joy Rd.)

Other locations may be added depending on volunteer availability.

Please contact Kent Alverson with your availability to help out during the week of 2/23- 2/27. All activities will occur during normal school hours and a minimum time commitment of 2 hours is requested.

E-Mail: kwa@comcast.net Phone: (248) 506-7125

National Engineers Week 2004

National Engineers Week, which will be observed from Feb. 22-28, will recognize the globalization of the profession of engineering by highlighting two programs: *New Faces of Engineering* and *Connecting the World to Engineering*.

ASME members seeking information packets will find them streamlined, with a folded poster and classroom activities printed on the reverse side and a one-page timeline/participation survey. These can be obtained by contacting E-Week headquarters at (703) 684-2852

Members wishing to obtain an Engineer/Volunteer kit may do so by <http://eweek.org/site/Engineers/kit.shtml>

In 2005, ASME will serve as the lead society for National Engineers Week.

Presidential Message for National Engineers Week February 22-28, 2004



THE WHITE HOUSE
WASHINGTON

I send greetings to those celebrating National Engineers Week.

National Engineers Week highlights the contributions of America's engineers to our technological progress, infrastructure, strength, and prosperity. I applaud the professionals, educators, and students participating in National Engineers Week for your dedication to improving our quality of life and revolutionizing the way we learn, work, and communicate. By promoting a standard of professional excellence, you help ensure a promising future for all.

Laura joins me in sending our best wishes for a successful week.

<http://sems.asme.org>

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Bloomfield Hills, MI 48302

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Manufacturing Processes - Technical Session

Have you ever wondered what aluminum casting is like or what steel sheet metal forming is done? Or do you ever wish that you could learn how to weld? What about performing tensile and hardness testing? Explore the transformation process of powder metallurgy and thermoforming. What about making a robot do jobs for you? All this and more at the Manufacturing Processes Technical Session held on a Saturday in late March. This will be a full day's workshop held at Kettering University in Flint, where Professor Lucy King will organize small-group hands-on training in various manufacturing processes. Costs are estimated at \$40 for members and \$35 for students. Please contact Rebecca King (rhk77@yahoo.com) if you are interested in participating in this excellent technical session.

"Stump the Engineer" - Monthly Trivia Question

In an effort to encourage members to visit the website and read the newsletters, a monthly Engineering Trivia Contest has been established. Each month a question will appear in the newsletter. Participants must go to the website and log-in their answer, along with their e-mail address. A winner will be chosen each month and receive a free ASME polo shirt. At the end of the year, a grand prize winner will be drawn from all the correct answers. The grand prize will be a new state-of-the-art Palm Pilot.

February Trivia Question

Name the make and model of the best selling car of all time, as of 2003.

To answer this question and enter the prize drawing, go to <http://sems.asme.org/>
Click on **"Stump the Engineer" – Monthly Trivia Question**

CONGRATULATIONS to our November trivia winner . . . **Jacob Cheriyan** was randomly selected as the winner of the trivia question . . . **India and the United States have the two largest road network in the world.** **THANK YOU** to everyone who responded, and please continue to do so!