

Southeastern Michigan Section



ASME International

<http://sems.asme.org>



Section Newsletter, May 2004



2003-04 SEMS Officer Team

Chair – Executive Committee

Rebecca King 313-845-8938 rhk77@yahoo.com

Vice Chair – Membership / Outreach Committee

Kent Alverson 248-506-7125 kwa@comcast.net

Treasurer – Industry Committee

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

Secretary – PR & Marketing Committee

Howard Berkof 585-259-5150 berkofh@asme.org

Programs – Education Committee

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Committee Members

David Kramer	Website	david.kramer@vw.com
Mary Straffon	Technical	straffonm@asme.org
Mike Pasquarella	Marquis Event	mpasquar@ford.com
Rob Iera	Student	
	Relations	reiera@yahoo.com
J. Manjunathaiah	Golf Tourney	jmanjunathaiah@lambtech.com

May Event

Link Testing Laboratories Plant Tour

Date: Tuesday, 11 May 2004

Time: 6:00-8:00pm

Location: Link Testing Laboratories
13840 Elmira Ave.
Detroit, MI 48227

RSVP: Mary Straffon, straffonm@asme.org

At our May 2002 meeting we toured the engineering and production facilities of Link Engineering, <http://www.linkeng.com>, in Plymouth, MI.

Link Engineering, founded in 1935, in Detroit, MI, has evolved to be the principal designer and manufacturer of test systems used within the brake, transmission, and other friction related industries.

At our May 2004 meeting, we will have the opportunity to tour the site where Link Engineering was founded. This location is home to Link Testing Laboratories, www.linktestlab.com

Link Testing is the largest independent testing laboratory of its kind in the world.

Together, Link Testing Laboratories and Link-West provide a wide array of testing services for the evaluation of automotive components, full vehicles and aircraft subsystems. Link Testing has numerous garage bays and over 25 full-scale dynamometers to handle brake and transmission testing, wet friction, wheel and hub durability, environmental emissions, corrosion testing, friction material characterization, NVH evaluation and data analysis. Vehicle services include instrumentation, professional test drivers, data acquisition, reduction and analysis of test results. Link Testing's team of highly skilled engineers and technicians work closely with the headquarters in Plymouth, Michigan to provide custom test capabilities.



ASME Southeastern Michigan Section (SEMS) & the Board on Government Relations

State Action Program: “Doing Business with the Department of Homeland Security”
12 April 2004, Lawrence Technological University, Southfield, Michigan

Post Program Report

Sponsoring Group Chairperson: Rebecca King, Chair, ASME SEMS E-mail: king25@ford.com	Project Chairperson: Mike Pasquarella E-mail: mpasquar@ford.com	ASME Board of Gov’t Relations & Coordinator Tom Libertiny E-mail: libertinyt@asme.org
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Background:

Southeastern Michigan has a large base of small engineering firms that ASME has tried to attract as new members for many years. Our focus with local industry continues to be: “What can we, the ASME, do for you?” Their response has been very clear: “Provide us with avenues and new ideas to grow and diversify our businesses.” The ASME’s Critical Asset Protection Initiative (CAPI) is an area where we can add value for this particular industry segment. In return, the ASME gains the opportunity to increase its membership in the business segment that contributes to the largest job growth in the U.S.: Small businesses.

Objectives:

- Educate small-engineering businesses about ASME’s work with respect to CAPI
- Help these potential members to increase and diversify their businesses by participating in government programs related to CAPI and Homeland Security
- Recruit new members from this critical group
- Increased interaction with local legislators (ASME as a source for unbiased technical information)

Speakers:

7:00pm Keynote speaker: The Honorable Debbie A. Stabenow, U.S. Senate
8:00pm Speaker: Wendy Howe, Department of Homeland Security
8:30pm Speaker: Dr. Bill Jones, Office of Science and Technology

Result Highlights:

- Event sold out (50 people)
- Senator Stabenow attended the reception and took questions following her keynote address
- The senator and her Michigan and Washington D.C. based staff now view the ASME as an unbiased source for technical information
- 75% of attendees were not ASME members
- 32% hold positions within their firms of Vice President or higher
- 4 people joined the ASME following the dinner

Lessons Learned and Recommendations for Other Sections

- Choose excellent speakers with:
 - Name reorganization for keynote speaker
 - Hands on experience from government and industry (one speaker who has received new business from the Department of Homeland Security).
- Agenda, location, time, and dinner:
 - 6:00pm-7:00pm reception allowed time for everyone to mingle
 - Section executives should continue to ensure that everyone in attendance knows each other by proactively making introduction
 - Question & Answer period, immediately following each person’s presentation, was well received
 - Central location to major businesses worked well
 - Section executives should continue to ensure that everyone in attendance knows each other by proactively making introduction
 - First-class, 3 course meal helped create value

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2004-05 Executive Officer Elections

The Southeastern Michigan Section of ASME Executive Committee is pleased to nominate the following individuals for the 2004-2005 Executive Committee

Chair: Kent Alverson
Vice-Chair: Hastings Wyman
Treasurer: Tom Libertiny
Secretary: Rob Iera

Please vote for each executive committee position on the section website: <http://sems.asme.org>



Message from the Chair

Dear fellow colleagues:

It has been a wonderful year, and I wanted to extend a special thanks to everyone who has helped plan and organize SEMS events and especially to the members that attended our events and meetings. Some highlights of our key accomplishments that our team executed flawlessly for this year!

- o Inaugural Southeastern Michigan Section Young Engineers Forum (YEF)
- o National Engineers' Week Middle School events
- o Doing Business with the Department of Homeland Security Conference
- o 8 other section meetings/events throughout the SEMS area
- o Won the Earl V. Fisher Award for most outstanding membership development
- o Created the Monthly Newsletter Engineer Trivia Contest, generating the most visitors to the SEMS website ever!

Through these events, I believe we have grown as a section and have made strides in becoming a section that better serves our members. We have increased our young engineers interest and participation, created world-class events that are exciting and entertaining, started a forum (<http://ASME.tribe.net>) for communication within the society, and increased our active members. Again, none of this could have been accomplished without the support of our dedicated members and officers.

As ASME continues next fall, I encourage all of you to come and make it another exciting year. We'll have more events planned and want to make this society better suited for our members. Please provide us with your feedback this summer with what your interests would be for the next year. Without your input, we will be unable to serve you to the fullest potential. This year has definitely been a rewarding and unforgettable year. Thanks to everyone who made this possible!!

Wishing you a safe and enjoyable summer,
Rebecca King, rhk77@yahoo.com

SEMS Season Finale Event

Engineering & Auto-Racing Racetrack Day

Date: Tuesday, 29 June 2004

Location: Waterford Hills Racetrack, Waterford Hills, MI

Time: To be announced (all day event)

Price: \$45/person (members) \$65/person (non-members)

Capacity: 50 people (first come, first served)

Contact: Tom Libertiny E-mail: Libertinyt@asme.org
Phone: 248-877-2535

Highlights:

- 1) Hot Laps with Corvette racecar driver Danny Kellerymeyer
- 2) Lunch (included with fee)
- 3) Drive your own car at the track (expanded event for this year)

Stay tuned to our E-mail notifications and website (<http://sems.asme.org>) for the latest information.

Mail checks to:

ASME Southeastern Michigan Section
28555 Balmoral Way
Farmington Hills, MI 48834

Join us for a day of fun at the Waterford Hills racetrack. We'll provide race prepared Corvettes, race drivers, helmets, lunch, and the venue. All you need to do is have fun!

Enjoy the great outdoors while celebrating the end of our fiscal year with the ASME Southeastern Michigan Section during this very special event. Check out the Corvettes and take "hot laps" around the racecourse with one of our racing drivers (they'll drive as fast or as slow as you desire).

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- Advertising:
 - Promote the event via radio, television, and local magazines 4 months in advance
 - Create “advertising buzz” by providing event updates via phone, fax, E-mail and web.
 - Once per month during first 3 months
 - Weekly updates during last 4 weeks
 - The day before and the day of the event
- Continue to team with other local engineering societies (we teamed with the German Engineering Society and the Society of Manufacturing Engineers)

Pictured: Senator Debbie A. Stabenow



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eMentoring

ASME Offers MIT Summer Programs For Engineers

ASME has teamed up with the Massachusetts Institute of Technology in providing summer engineering programs offered by the MIT Professional Institute.

The program will give participants access to some of the leading experts in a variety of engineering fields.

These one-week certificate courses will be held on the MIT campus. Among them are: Biotechnical/Pharmaceutical, Computer Engineering, Energy/Environment, Manufacturing & Automotive, Physics, Optics and Astronomy, Systems Design, Data & Models, Transportation, and Organizations, Policy and Economy.

As a special offer to ASME members, MIT is offering a 10 percent discount off the retail price of the programs. For more information contact ASME at 1-800-843-2763 or register online at <https://secure.asme.org/VirtualCampus/MIT2.cfm>

2004 ASME – Auxiliary FIRST Clarke Scholarship

ASME extends special congratulations to Jordan Doll. On April 16, 2004 Jordan Doll from the SEMS ASME region received a scholarship for the Auxiliary FIRST Clarke Scholarship for \$5000 towards his first year of study in a mechanical engineering program in college. The scholarship is awarded to students who are actively involved in FIRST (For Inspiration and Recognition of Science and Technology) teams showing technical skills, creativity and leadership within the team.

Jordan is a high school senior from Notre Dame Preparatory High School in Pontiac, MI and responsible for founding the FIRST Robotics team at his school. He has led the team in building and driving the robot to numerous top placements in competitions in the past two years. The team has won two regional championships this year. The team participated in the National FIRST Robotics Competition this year and was awarded the Delphi "Driving Tomorrow's Technology" Judges Award. Jordan will be attending school next year at either the University of Michigan, Kettering University or the University of Miami, Florida.

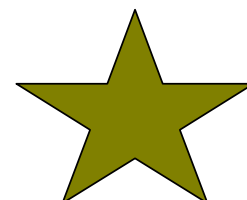
Special Thanks

To all the Engineers Week volunteers, Recognition Banquet Participants, Industry Roundtable Members, Homeland Security participants, Young Engineer Forum volunteers, Student Section Leaders, and General Membership who made the 2003-04 year an enormous and nationally recognized success.

Rebecca King

**Kent Alverson
Hastings Wyman
Michael Schwartz
J. Manjunathaiah
Mike Pasquarella**

**Tom Libertiny
Howard Berkof
Rob Iera
David Kramer
Mary Straffon**





ASME and Engineers without Borders are teaming up to engineer a better world – and you student section can help.

ASME is now forming teams of engineering students (junior or senior standing minimum), professional engineers, and engineering faculty to be an integral part of the projects. Multidisciplinary teaming is encouraged.

To participate you must:

- 1) Form an ASME team and enlist your Faculty Advisor to participate with you.
- 2) Apply for a project from the list of approved projects, or write your own project. (Guidelines and projects are available on the web. Project approval takes at least 4 weeks). Application deadlines are Aug. 1 (for 2004-early 2005) & Dec. 1 (for projects considered during 2005).
- 3) Use only appropriate and sustainable technology.
- 4) Commit 6-12 months to finish and install the project.
- 5) Supply your own travel funds, and arrange funding of materials.

Engineers Without Borders (EWB) envisions a world in which all people have access to adequate sanitation, safe drinking water, and the resources to meet their other self-identified engineering and economic development needs.

To learn more about Engineers Without Border-USA, including guidelines and projects under current consideration, visit <http://www.ewb-usa.org/index.htm>

To participate through ASME, visit www.asme.org/students/ewb.

SEMS 2003-04 Officer Elections

Dear Colleagues,

The 2003-04 ASME year will soon come to a close. This year will go into the books as an overwhelming success! The section wishes you a happy and fun-filled summer. In the back of your minds, we hope that you will think about getting involved in the section next year.

Please take the time to vote for your 2004-05 Executive Committee, consisting of the **Chair, Vice-Chair, Treasurer, and Secretary**. In addition, the current board is seeking members interested in the many committee positions available. These opportunities, listed below, and many more provide a terrific avenue to advance your leadership and teamwork skills, as well as expand your network of talented engineers. I highly encourage everyone to consider getting involved in the section, in any capacity that your schedule allows. Please contact myself or Rebecca King, rhk77@yahoo.com, if you are interested in joining a committee or leadership position.

Best Regards, berkofh@asme.org
Howard Berkof (585) 259-5150

SEMS Officer & Committee Positions

Executive Committee, Government Relations, History and Heritage, Honors and Awards, Industry Relations, Professional Practice and Ethics, Member Interest, Membership Committee, Minority and Woman, Newsletter/Web, Nominating Committee, Professional Development, Program Committee, Public Relations, Student Relations, Technical Activities, Young Engineers, Community Service

“Stump the Engineer” - Recap

The experiment was an overwhelming success. The inaugural “Stump the Engineer” trivia drew in a record number of members to the SEMS website. An average of 20 members participated in the contest each month. Thank you to everyone who participated, and we hope that you found the trivia worthwhile and a bit different. After this month’s final trivia question, the nine monthly winners will receive their ASME polo shirt. A grand winner will win a Palm Pilot. The final award will be announced at the final ASME event of the year, the Engineering and Auto-Racing Racetrack event on June 29. Prizes will be mailed to recipients who are unable to attend the event.

Please share your feedback and any ideas that you have for future section activities and challenges. Thank you for a wonderful and successful year in the section.

Best Regards,
Howard Berkof
Newsletter Editor, berkofh@asme.org

<http://sems.asme.org>

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“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. 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.

May Trivia Question (Final one for the year)

This year's winner of the Tong Prototype Prize, Aaron Bland, won for design improvements in *what kind of mode of transportation?*

To answer this question and enter the drawing, go to: <http://sems.asme.org>
Click on “**Stump the Engineer**”

CONGRATULATIONS to our March trivia winner: **Mo Omari** was randomly selected as the winner of the trivia question . . . *Charles Cockerell invented the **hovercraft**.*

April trivia winner: **Tony Widenman** was randomly selected as the winner of the trivia question . . . *The first patent on a rubber tire was by **Robert William Thomson** in 1845.*

THANK YOU to everyone who responded, and please continue to do so!

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ASME members, receive a 10% discount on all activewear and sportswear products through Kramer Industries. We offer name brand products like Jerzees, Gildan, Fruit of the Loom, Oxford, and others (please see our website for our complete product line and to receive a quote). No minimum quantity required. Will ship world-wide.

The 10% discount also applies to embroidery and screen printing services (printing/embroidery is optional). Additional discounts (screen/setup charges) may apply based on quantities. Call us at 248-379-6135 or email us at info@kramerindustries.com for more details. No artwork? Our team of artists can generate graphics from your ASME events, sport teams, clubs, or any need.