

BOARD MEETING MINUTES



The SAE Milwaukee Section Board meeting was held on **October 26, 2011** at the UW-Milwaukee Industrial Innovation Room, 3200 N. Cramer Street, Milwaukee, WI from 5:30 to 8:00 PM.

The following members and guests participated in the October meeting:

Jim Ryan, Chairman
Douglas Kautzer, Secretary
Frank Poradek, Treasurer
Tony Grant, Membership & Company Representative
Wayne Richter, Historian
Garret Hering
Ken Traub, Newsletter
Dale Wiza, Engineering Placement Inc.
Kurt Person, Hayes Brake
Randy Hoffman, Student Activities
Paul Gessler, MSOE Representative
Mike Krauski, UWM College Relations Chairman
Mitch Crawford, UWM Representative
Ethan Gaynor, UWM Representative
Andy Block, UWM Representative

Chair Input

Jim went over a few items called "SAE learning". He talked about how to access the MKE section roster. A password from SAE is needed.
Dale accepted the job to be the – Vice Chair Membership.

Treasury Report

Frank went over the financials for the month.

The year-end summary reports will be reviewed at the November Board meeting. After the Board meeting Frank will submit the forms to SAE. The reports are due 12/31/11.

Programs

Calendar

October 12th – MGA proving grounds

- Program Chair: Jim Ryan, Garret Hering will assist
- The Rockford / Beloit section were invited to join

- There was a tour of the test facilities and the grounds. There were additional presentations at the dinner.
- The dinner was at the Cotton Exchange in Burlington. The food was fantastic.

MGA Research Corp is recognized worldwide as one of the leading independent providers of testing services and equipment/facilities which serves a wide range of industries including automotive, aerospace, and defense. The company started in 1977 near Buffalo, New York with the three founders (Miller, Greene, Arendt) and has since expanded to locations in Wisconsin, Michigan, South Carolina, Virginia, and Canada.

The company purchased the former AMC Proving Grounds in Burlington, WI from Chrysler Corporation in 1988 and today uses the 400 acre facility for much more than it was originally intended. As an independent services provider with multiple locations and disciplines, they offer a unique view on industry and government needs.

Along with UW – Madison, they have hosted the SAE Midwest Baja at their Wisconsin location in 2006, 2009, and are also planning for June 2012. The tour included a walk-through and discussion on various test equipment & technologies as well as a drive-through on many of the test track surfaces and remote test area. At the end of the drive-through the new school bus that was used was not new anymore.

After dinner Jeff Lewandowski present the global aspects of MGA, their background in vibration, and the role of using simulation systems to improve the performance of products in the field.

Ben Fischer is a test coordinator for MGA with the National Highway Traffic Safety Administration (NHTSA) and present the background of crash related items such as New Car Assessment Program (NCAP) star ratings and Insurance Institute for Highway Safety (IIHS) tests.

Both subjects were very interesting. It was also nice to visit with the folks that I worked with in the past.

There were approximately 50 people that attended the session.

October 27th – Student Interaction Night (5:00 to 7:00 PM)

Program Chair: Randy Hoffman, Jim Ryan

The following schools were present; UWM (8), MSOE (4), MU (1)

The following SAE MKE Section members attended: Randy Hoffman, Jim Ryan, Dale Wiza and Douglas Kautzer

The evening was well attended. The first thing we did was introduce ourselves and give the students a brief introduction as to whom we worked for and what we did. After the introductions we divide the group up into teams of 4 to do a team

building exercise. Each team had to lift a series of cups and stack them using only one hand.

After the team-building exercise, Dale gave a presentation on resume writing and job placement. He talked about some of the things he has seen in his career as a placement professional. Some of the items of significance were as follows:

- Make sure to always use spell check
- Use quantifiable information
- Make sure the information is relevant for the position
- Customize the resume for the job or company
- Bring copies along to the interview
- Mirror the person doing the interview
- Use the internet to learn details about the company
- Over-dress not under-dress
- Be early for the appointment
- Be polite
- Ask for business cards in order of the seating arrangements
- Follow-up with a Thank-You letter

After Dale gave his presentation we asked the students what we can do as a Section to help them out. They would like to be able to ask us if we can help them with testing, machine shop facilities, build relationships with companies and possible donations. We said that we would try to help them out as best we could.

November 9th – Student Night

- Program Chair: Mike Krauski, Randy Hoffman
- Location: Marquette University.
- Student focus
- The following schools will be attending: UW-Milwaukee, MSOE, Michigan Tech, UW-Madison, Marquette
- MSOE to hold the Student night in 2012

December – None

January 11th – Chevy Volt with ASME

- ASME program chair: Bob Stachowicz
- SAE program chair: Jim Ryan

February -CANCELED

- Consider “open house” board meeting planning
- Include company rep. recognition
- Social
- Program Chair TBD

This program may be rescheduled sometime in spring.

March 5-12th - Clean Snowmobile Challenge

The SAE MKE section voted and approved a donation of \$1000 to the CSC. Kurt Person, Hayes Brake, gave an update for the donation of brake systems for the 2012 meet.

At CSC 2011, Hayes and BWI Group demonstrated a new controlled braking system on a Polaris Rush snowmobile. The system performed well and allowed for better control of the snowmobile in turning and stopping.

For CSC 2012, Hayes and the BWI Group are offering teams in the INTERNAL COMBUSTION CLASS ONLY, the option of using this system on their sled. Installation of this system is within CSC rules as long as the team abides by all of the other current rules regarding brake rotors. Although the system is currently designed for the Polaris Rush chassis it can be installed on other non-Polaris snowmobiles and can be turned on and off with a switch. When turned off, the snowmobile will revert to traditional "as built" operation. If the team wants to add the Trail Trac 1.0 brake system to their IC sled, they must contact Peter True at Hayes (Peter.True@hbpsi.com) with their snowmobile model and agree to their terms of donation. Parts may only be used on competition sleds.

Hayes and the BWI group will send the parts to them at no cost and assist you with the installation. Hayes and the BWI group will evaluate the final installation by the teams at the CSC 2012 and present a cash prize award of \$500 to one of the teams. The teams will be interviewed and judged on: demonstrated understanding of technology and influence on vehicle behavior, installation accuracy and thoroughness (adherence to instructions, thought to manufacturability and serviceability).

There will NOT be a separate braking event for CSC 2012 although this may be considered for future competitions.

March TBD – CNH

Program Chair: Frank Poradek & Dale Wiza

April TBD –Engine and Equipment Testing

- Program Chair: Doug Kautzer
- Larry Gruenberger presentation – Allis Chalmers
- Location: B&S Auditorium

May TBD – Oshkosh Truck

- Program Chair: Tony Grant & Wayne Richter

June TBD – Sprints Family Night (Saturday only)

June Road America Motorcycle Races

- Program Chair: Doug Kautzer

Company Rep

- SAE Pens – Tony will follow up with samples and bring them to the November meeting.
- Hold dinner/discussion event – More discussion at future meeting.

Next board meeting date and location

The SAE Milwaukee Section Board meeting was held on **November 30, 2011** at Hayes Brakes, 5800 W. Donges Bay road, Mequon, WI 53092 from 5:30 to 8:00 PM.