



SAE Milwaukee Newsletter

April 2013

www.milwaukeeesae.com

UPCOMING EVENTS

- Chevrolet Volt
 - April 24
- Sonex Aircraft
 - May 22
- Road America June Sprints
 - June 15
- SAE Golf Outing
 - July TBD

Chevrolet Volt

At

Holz Motors

April 24th, 2013



For more details, Go to

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PRESENTOR: William (Bill) Wheaton

GM SPO Powertrain Instructor

Bill Wheaton has been serving as a GM Powertrain instructor for 13 years, coming to that position after almost 30 years as a working automotive mechanic/technician. Bill started out in automotive repair as a way to pay his college tuition, graduating from Illinois State University (with a B.A.) in 1977. Over the years he went from 'muffler installer' at a Midas shop, to lead technician in a Chicago Land Hyundai dealership during the early '90s, and then returned to repairing GM vehicles.

If you look at Bill's resume, you'll see that it is filled with the names of small businesses and auto dealerships that are now defunct. Of course, none of those business failures were Bill's fault. There is even short time where Bill was a 'contributing editor' for *Import Service Magazine*, before it ceased print publication and re-surfaced as a digital read. Bill's penchant for writing is now used to help develop training programs for General Motors.

Bill's current work assignment requires extensive travel across the Midwest, but allows him weekends at home in Oscoda, Michigan. His vacation time is spent traveling (go figure) to visit family in Chicago and New Jersey.



--- **EVENT AGENDA** ---

Registration: 5:00 pm

Dinner: 6:30 pm

Presentation: 7:30 – 8:30 pm

Meal: Sub Sandwiches and a Beverage

--- **REGISTRATION FEES** ---

SAE Members/Spouses	\$10.00
Retirees	\$10.00
Guests/Non-members	\$20.00
Students	\$5.00

REGISTRATION

Registration:

Only pre-payments made with a charge card can be completed online via <http://www.milwaukee.sae.org>

Registration Deadline: April 22 at 12:00 pm (noon)

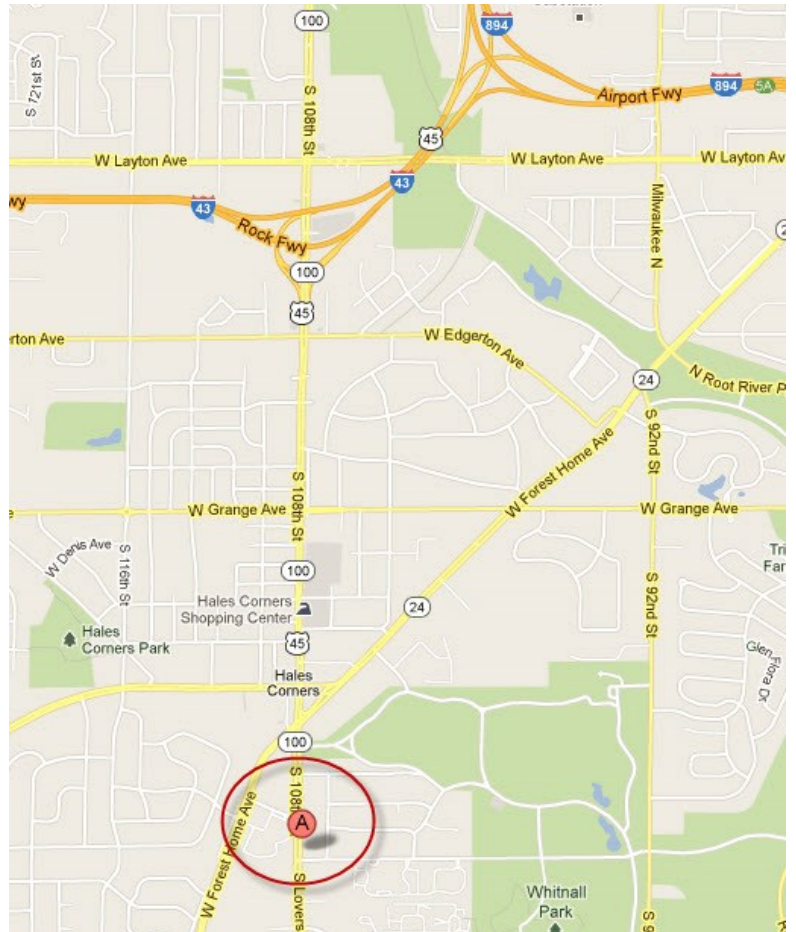
Maximum Attendance for this event is 100

Registration can be completed online via <http://milwaukee.sae.org> Or by phone at 414-587-8855 (Josh Rayeske)

Meeting Location: Holz Motors Body Shop
10701 W. College Avenue
Franklin, WI

Directions:

- Take 894 to the Hale Interchange and proceed on 43 South.
- Exit at HWY 100 (Exit 60) and go south on HWY 100 to Holz Motors



Upcoming Meetings and Events.....

- Sonex Aircraft in Oshkosh
 - May 22
 - <http://www.sonexaircraft.com/>
 - We will be viewing and discussing the electric aircraft at Sonex
- June Sprints at Road America
 - June 15
 - <http://www.roadamerica.com/>
 - Opportunity to network and enjoy some SCCA racing
- SAE Golf Outing
 - July Date TBD
 - For more information contact Tony at tgrant@amcastle.com

Event Recap and Highlights.....

2013 SAE Clean Snowmobile Challenge

Press Release: March 11, 2013

The University of Wisconsin-Madison took first place in the internal combustion (IC) category, and McGill University took top honors in the zero emissions (ZE) section of the 2013 Society of Automotive Engineers Clean Snowmobile Challenge, held at Michigan Technological University's Keweenaw Research Center (KRC) this week.

Fifteen universities from across North America sent teams to compete in the IC contest and five participated in ZE. In the Challenge, student teams work to reduce noise and emissions while maintaining performance and controlling costs.

Wisconsin-Madison captain Michael Solger said that, although they seemed "crunched for time," it all worked out in the end, winning the International Snowmobile Manufacturers Award for IC first place.

"We have to thank our advisors," said the third-year mechanical engineering student. "Really, if it wasn't for them, we wouldn't be here."

Solger said a pleasant surprise featured the two modes the sleds must run on now: economy and performance, in which they did well. Their four-stroke engine was fairly fuel efficient, too, he said.

"Our engine control unit was key," Solger said, "especially within the two modes."

UW-Madison also won the Blue Ribbon Coalition Award for most practical solution to a problem. It was the fifth time Madison took first place in the IC category.

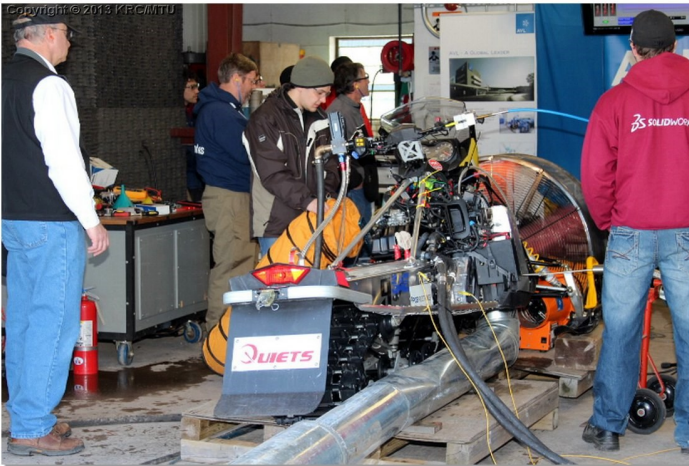
2013 Clean Snowmobile Challenge Highlights



Endurance Event



Handling Event



Power Test



Acceleration Event



Emissions Event



Drawbar Pulling Event

Milwaukee Section 2012-2013

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MSOE—Charles Scanlon
UWM—Jacob Berman

Dear Members and Section Friends,

I hope by the time you read this newsletter spring temperatures will have arrived as I know I looked high and low on the first day of spring to try and find them. As we begin to wind down our year and prepare for summer, please be sure to keep your calendar open for our last few section events before summer break. They certainly will not disappoint.

With the coming CAFÉ standards there is certainly pressure on the automotive industry to find ways to meet these. Those of you that attended our Johnson Controls meeting were able to see the goals of these standards as well as the forefront of battery technology. We will finish out the year with two great meetings on current applications of this technology. April will be an up close and personal look into the Chevy Volt. Our May meeting will be at Sonex, manufacturers of electric aircraft. And as always, we will have discount tickets to Road America available for the June Sprints, The SAE tent will be there along with some of the student competition vehicles.

Attendance at this year's meeting has been exceptional and is keeping our section strong vibrant. We are already putting together the upcoming years meeting list, but as always look for member input. If you have ideas for speakers, tours or events please contact any of our board members and let us know.

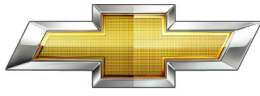
Additionally if you would like to take a more active role and help out on the governing board, please contact any board member. Our section is strong because of members like you and through the efforts of our members. I look forward to seeing you all at our upcoming meetings.

Best Regards,

Garrett Herning

Vice Chairman – SAE Milwaukee Section

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