

September 2013

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UPCOMING EVENTS

- Chevrolet C7 Corvette
 - September 11, 2013
- Pierce Manufacturing
 - October TBD
- Collegiate Chapters Student Night
 - November TBD

Chevrolet C7 Corvette

September 11, 2013



Eric Von Schledorn
Chevrolet
Saukville, WI

REGISTRATION DEADLINE: August 23

PRE-REGISTRATION REQUIRED FOR THIS EVENT

No walk-ins allowed

For more details , Go to
www.facebook.com/MilwaukeeSAE
and Like us!

Presenter: Dave McLellan

Dave joined General Motors Proving Ground Noise and Vibration Lab after graduating from Wayne State University as a mechanical engineer. His assignments had him working on the dynamics of cars, trucks and military tanks, then as manager of the newly-completed Vehicle Dynamics Test Area (Black Lake).



Dave's career next took him to Chevrolet where he led the team that finished the 70 ½ Camaro development, then to the GM Technical Center to manage John Delorean's unsuccessful attempt to marry the Camaro and the Corvette platforms. In 1973, he was picked to attend MIT as a Sloan Fellow.

On his return, he was assigned to work with Zora Arkus-Duntov and on Zora's retirement in 1975, appointed Corvette Chief Engineer. Dave would be indelibly linked with the Corvette for the next 17 years. The all-new 1984 Corvette continued to be developed with advanced electronics, and culminated in the 375 hp ZR-1.

In what turned out to be his last development of the Corvette, Dave challenged an R&D team to design a next generation Corvette capable of ZR-1 performance but at standard Corvette prices. Charged with the impossible task of making the Corvette faster, lighter, roomier and more rigid as a convertible, the team adopted the backbone architecture that would be the hallmark of the C5. Dave retired from General Motors in the fall of 1992.

He is the author of a recent book, "Corvette from the Inside, the 50 Year Development History" which includes the 17 years during which he and his team made history.

Dave is an SAE Fellow and a recipient of the SAE Edward N. Cole Award for Automotive Engineering Innovation.

Reference: <http://corvettechief.com/about/>



We will have some Corvettes on display which may include:

- *1966 Restored Big Block Convertible*
- *1953 All Original Convertible*
- *1967 Tri-Carb Convertible*
- *And More*

Presentation Topic: "What is a Corvette"

Dave McLellan, former Corvette Chief Engineer, will discuss "What is a Corvette". He will cover a review of Corvettes from 1953 to present with a lot of emphasis on the all new C7. Dave promises more technical information than has been covered to date in the various automotive magazines.

NOTE: EVS's allocation of their first C7 (Coupe) is scheduled to be built late August and unfortunately, due to logistics, the car may not be available in time for the meeting. EVS is working with Chevrolet to expedite delivery.

EVENT AGENDA

Registration: 5:30 pm to 6:00 pm

Dinner: 6:00 pm to 7:00 pm

Presentation: 7:00 pm

Meal: Belgium House catered meal of roasted chicken or vegetarian dish, salad, buttered rolls and beverage

REGISTRATION FEES

SAE Members	\$15.00
Retirees	\$15.00
Guests/Non-members	\$20.00
Students	\$10.00

REGISTRATION

- **Registration Deadline: August 23**

NO WALK-IN REGISTRATION ALLOWED

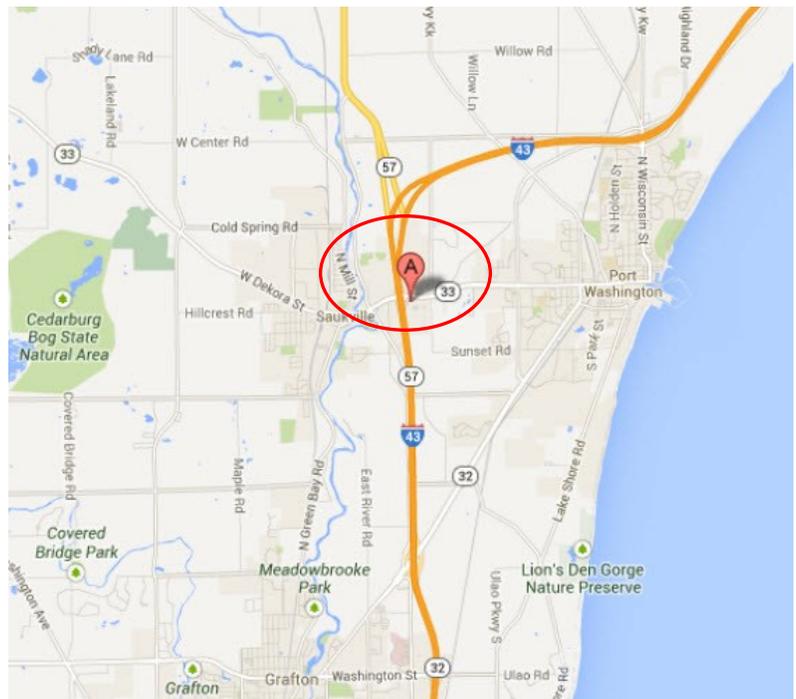
We are also inviting Wisconsin area Corvette Club members to this event. Please make your reservation early to guarantee your spot for this event.

- Maximum Attendance for this event is **150**
- Registration can be completed three ways:
 - Online with a charge card via <http://milwaukee.sae.org>
 - By Phone at 262-770-0252 (Wayne Richter)
 - By Email at richterway@sbcglobal.net (Wayne Richter)
- If interested in car-pooling from a Park n' Ride, please contact Dale Wiza at dale@engineeringplacements.com, or cell 414-807-9663.

Meeting Location: Eric Von Schledorn CHEVROLET
805 E Green Bay Ave
Saukville, WI

Directions:

- Take I43 to exit # 96 (HWY 33)
- Exit and turn east onto HWY 33 (Green Bay Ave)
- Dealership is on the right



Check out our New Look.....

You may have noticed that the SAE International logo looks a little bit different. SAE International has decided to update the Mission, the Vision, and the Brand. This change was developed to help SAE International refocus on growth and globalization by strengthening our core attributes and diversify into new and exciting areas. You will also see renewed commonality between the different areas that SAE International serves such as the collegiate design series, AWIM, the SAE Foundation, and your local section events. As this year progresses, you will begin to see the new SAE logo throughout your communications with SAE International.



Mission Statement

SAE International is a global body of scientists, engineers, and practitioners that advances self-propelled vehicle and system knowledge in a neutral forum for the benefit of society.

Vision

SAE International is the leader in connecting and educating engineers while promoting, developing and advancing aerospace, commercial vehicle and automotive engineering.



A recap of this summer's section events.....

1st Annual SAE Milwaukee Section Golf Outing

We had perfect weather on Saturday July 13, 2013 at Mee Kwon Golf Course in Ozaukee County for our 1st Annual SAE Milwaukee Section Golf Outing. Fun was had by all!

It is surprising how engineers so often mis-calculate their required energy, direction and distance when it comes to golf! Maybe that's why Marilyn (Wayne Richter's guest & non-engineer) won the Longest Putt (10 feet), and Dale Wiza (recruiter/ non-engineer) won Longest Drive (285 yards)! Congratulations to you both.

We want to give a special THANKS to Tony Grant for coordinating this fine event! We encourage you to visit our section website or our Facebook page to view photos of this year's event.

We are already looking forward to next year's outing, and we hope to see you there. Proceeds from the golf outing help to generate funds for our Collegiate Chapters and it is a great way to network and have fun at the same time.



Road America June Sprints

In cooperation with Road America, both the SAE Milwaukee Section and the SAE Chicago Section were able to offer their members and friends discounted tickets to the June Sprints. Although the weather was a little rainy on Saturday, Sunday definitely made up for it.



This event has become a great summer activity and is a great way to introduce your family and friends to Road America, see some great racing, and explore Wisconsin's northern Kettle Moraine. The ticket sales go to help support our Collegiate chapters in their various events.

We encourage you to get up close for the great racing action next year at Road America with your SAE colleagues, friends, and family.

MSOE Student Hears Some Chapter History Firsthand...

Here's part of a story, thanks to Charlie Scanlon, (a SAE MSOE Chapter Officer), who was sharing with our Board some feedback of an event last spring.

"I also wanted to share with you something else I learned tonight. I was speaking to a gentleman who is a retiree member of SAE Milwaukee. He has attended EVERY single SAE Milwaukee Chapter event for as long as anyone can remember. He sat down and talked to me about his experience with SAE and MSOE, of which he is a graduate. He told me that his grandparents immigrated to America from Western Europe in the 1800's and learned of the School of Engineering of Milwaukee, where his father started a college education in 1924. Years later, he attended MSOE as his father before him. This man's name is Eugene Pramenko.

In October of 1958, Mr. Pramenko and his classmates founded MSOE's Chapter of the Society of Automotive Engineers - the first collegiate chapter in the Milwaukee area. He served as the chapter's president, organizing social events where he and the other members would "Grab a keg in [his] father's basement" and organize activities. There were no project vehicles at this time, but the SAE members referred to themselves as "the Oil Can Society," in reference to SAE motor oil viscosity ratings.

The chapter has certainly come a long ways since those days, but I always think that it is good to know where your roots lie..."



Please join us to hear more SAE history at a brief interview with Eugene, at September's Corvette event.

Opportunities to Participate...

SAE International Milwaukee Section is always looking for individuals, groups or companies that want to make a difference and have fun along the way. The award-winning A World In Motion (AWIM) program joins together teachers and industry volunteers to engage students in science, technology, engineering and mathematics (STEM) subjects with this highly interactive, fun program - at no cost to schools.

The AWIM program blends mathematics and science while incorporating the laws of physics, motion, flight and electronics into age-appropriate activities called Challenges. Each Challenge is designed to reinforce classroom STEM curriculum. This program helps students prepare for the challenges of tomorrow through the personal exploration of the exciting world of science.

During the hands-on projects, students learn from industry volunteers about the endless STEM-related career possibilities available to them. By engaging students early, the AWIM program becomes an important first link to developing scientists and engineers.

If you would like to participate, please contact one of the board members for more information.



Milwaukee Section 2013-2014 Governing Board

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Hello SAE Milwaukee Section Members and Friends,

I hope everyone is having a great summer and enjoying the beautiful weather we have had.

As many of you might have seen, SAE International unveiled its new branding in June. With the new branding comes a more modern image in line with the changing face of engineering and what the society stands for. At over 138,000 members worldwide, SAE International is the premier society for mobility engineering worldwide, and part of the new branding is to continue to build that image for global recognition.

On the local level, our Governing Board for the upcoming year was voted in at our June meeting and I congratulate all of those who were chosen for a position. We are always looking for new faces to help out. If you have an interest, please contact any of our board members and we will be more than happy to help you get involved at any level you desire. The hard work and dedication of our past Governing Board has kept the Milwaukee section alive and vibrant and is recognized as a premier section by SAE International.

The new Governing Board has been hard at work planning the events for this coming year. Our opening meeting will be a dynamite meeting with an in depth look at the new C7 Corvette. Presenting at this meeting will be the legendary Dave McLellan and this will certainly not be a meeting you will want to miss.

Please mark your calendars and be sure to register early for this meeting. You will not want to miss it!

Thank you and I look forward to seeing you in September.

Garrett Herning

SAE Milwaukee Chair

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