

SAE MILWAUKEE

An SAE International Section

Upcoming Events

- May 10 – Continental

Future Events

- June – SCCA June Sprints at Road America
- July 12 – Cruise night

April 2017 SAE Newsletter

May 2017 Event



Continental Corporation, Non-Automotive Applications

Wednesday, May 10th, 5:00pm

329 Hallberg Street,
Delavan, WI 53115

About the Continental Corporation

Continental Corporation is headquartered in Hanover, Germany and was founded in 1871. In 2015, Continental Corporation had sales of 39.2 billion euros. There are 207,899 employees worldwide at 430 locations in 55 countries. There are two main groups within the corporation: Rubber and Automotive. The Rubber Group includes OE and replacement tires, conveyor belts, coatings, and other operations. The Automotive Group consists of the Chassis and Safety, Powertrain and Interior products.

This presentation will focus on products provided by Continental's Delavan, WI operations (formerly Synerject). Synerject was founded in 1997 to provide gasoline engine management systems and components to the Marine, Motorcycle, and Recreation industry manufacturers. Since then, the company has expanded into other non-automotive, small engine markets. Their main expertise is in gasoline fuel injection system design, including 2-stroke and 4-stroke applications, giving them a unique position in the market. In 2015 Synerject was fully acquired by Continental, which had previously been a major shareholder in the company.

Bill Chapman, Advanced Development Manager, will provide an overview of Continental Corporation and the non-automotive applications and customers. He will also discuss details of the current product offerings ranging from components to complete engine management systems for these segments.



Paul Schmidt, Plant Manager, will provide a detailed overview of the Delavan facility including the products, quality systems, and culture.



About the Event

Event Agenda

Registration	5:00-5:45pm
Tour	5:45-6:30pm
Dinner	6:30-7:00pm
Presentation	7:00-8:00pm

Registration Fees

SAE Members	\$25
Retirees	\$20
Students	\$5
Non-members	\$35

Registration

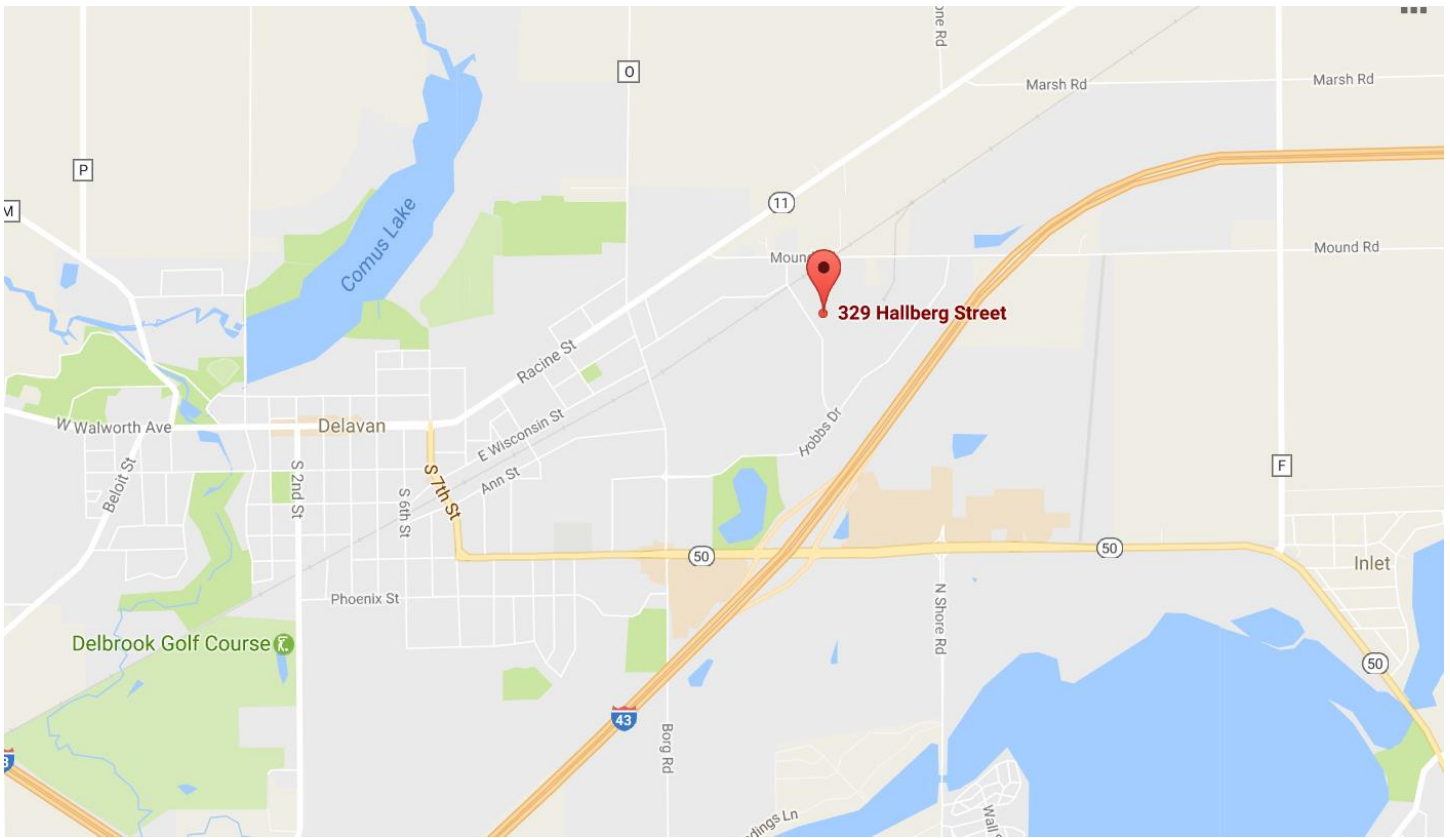
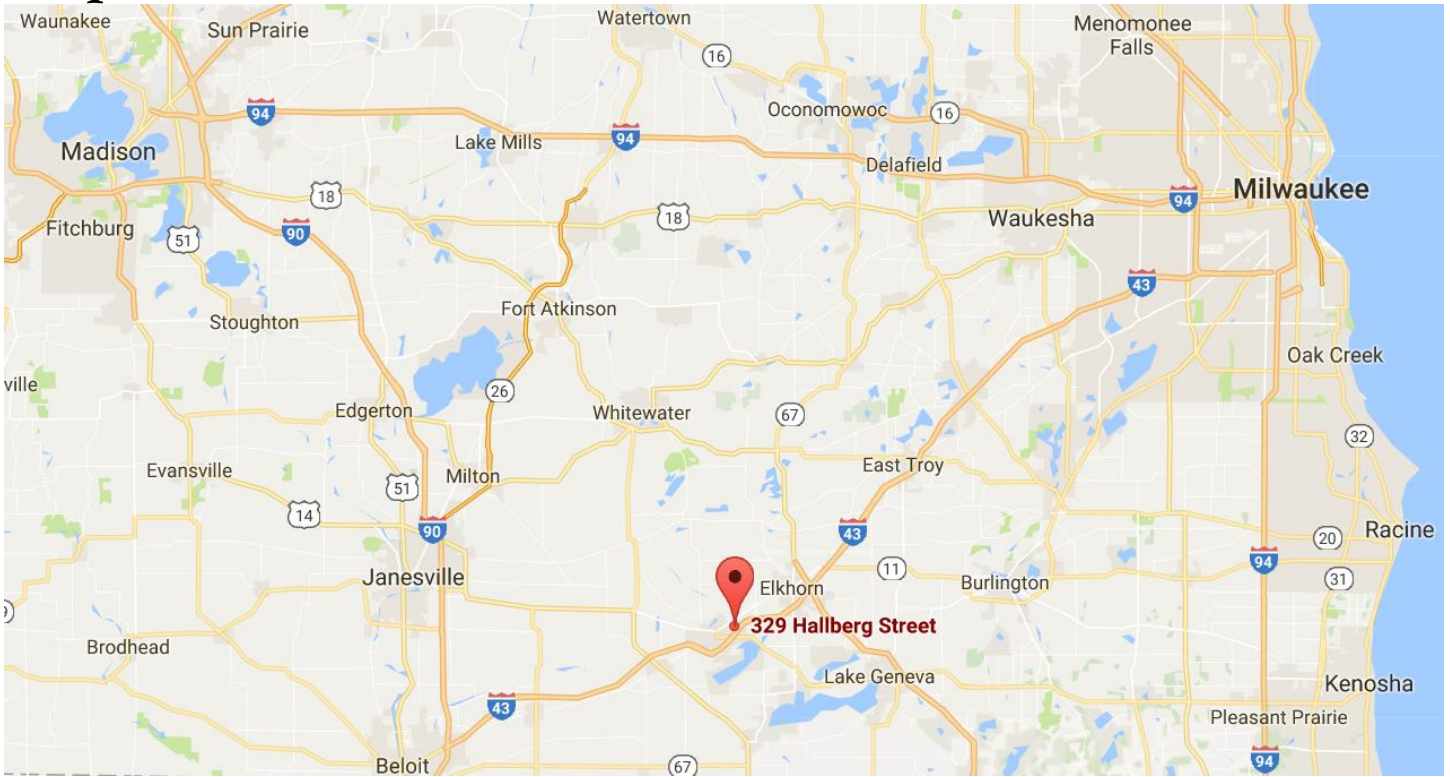
Registration Deadline: May 5th

Maximum Attendance: 65

Ways to Register:

- Online via the [SAE Milwaukee website](#)
- By phone: Garrett Herning – (262) 309-3622
- By email: Garrett Herning – garretth@pwrst.com

Map



SCCA June Sprints at Road America

As in past years, SAE Milwaukee has received discount tickets to the SCCA June Sprints, held from June 15-18 at Elkhart Lake's Road America. For more information about the event, please visit Road America's [website](#).



Tickets are regularly priced at \$35 each – we will be offering them at a price of \$5 each for students, \$10 each for adults, or 4 tickets for \$35. Get a group together and join us Saturday morning for a behind-the-scenes tour of race car tech inspection and race control (advanced registration is necessary). To purchase tickets for yourself, family, friends, or co-workers, please contact Wayne Richter at 262-770-0252 (text/call) or richterway@sbcglobal.net, or find Wayne at our April and May events.

Generac Engineering Speaker Series

Generac Power Systems has invited SAE members to attend an upcoming 2017 Engineering Speaker Series event at their Waukesha headquarters. The Speaker Series was established to provide a venue for socializing with fellow technical professionals in a casual setting. Food and refreshments will be provided. Presentation topics are applicable to Generac engineering activities, general industry and community interests.

Date: **Thursday, May 18, 2017**

Location: Generac Power Systems
S45 W29290 Highway 59
Waukesha, WI 53189

Agenda:

5:30 – 6:15pm:	Arrival and Social
6:15 – 6:30pm:	Introduction to Generac Power Systems
6:30 – 7:30pm:	<i>Generator Transfer Switch Technology</i> Speaker: Joseph Gerovac, Director of Engineering – Transfer Switch Products Joseph will present transfer switching scenarios for residential and commercial applications, as well as market drivers and their impact to new product development.
7:30pm	Prize Raffle (Generac iX2000 inverter generator) and Conclusion

Attendance is limited to 80 so **please RSVP by May 12, 2017** to <http://www.cvent.com/d/p5q7fg>.
Map and Directions: <https://www.generac.com/service-support/contact-us/generac-worldwide-locations>

New Member Welcome

The SAE Milwaukee Board would like to extend a special welcome to our new or recently returned members!
Thanks for joining us!

Raymundo Alvarado	SL Montevideo
Jayant Arora, MSc	Cummins Emission Solutions
Jeremy Bos	Michigan Technological University
Douglas Braswell	Briggs & Stratton Corp
Michael Burrows	Creation Technologies
Steven Butler	Oshkosh Defense
Matthew Erickson	Oshkosh Corp
Philip Fernandez	Manitowoc Company Inc
Nicholas Hirsch	Advanced Engines Development Corp
Nicholas Krogman	Brady Corp
Adam Lange	Lange Turbo
Mel Lux	Nemak USA
Todd Menna	Element Materials Technology
Samuel Pizer	MGA Research Corp
Steven Rinaldo, PhD	Johnson Controls Inc
Robert Salamon	Oshkosh Corp
Kenneth Shiel	Cummins Emissions Solutions
Michelle Thalacker	B/E Aerospace Inc
Jerome Vogedes	NextNav LLC
Andrew Warczytowa	MGA Research Corp
Shuo He	
John Jacoby	

Milwaukee Section 2016-2017 Governing Board

BOARD CHAIRMAN:

Van Phifer

vanphifer@gmail.com

SECRETARY:

Guy Campbell—UW-Platteville

campbellg@uwplatt.edu

TREASURER AND PROGRAM MANAGER:

Garrett Herning—Power Test, Inc.

garretth@pwrst.com

HISTORIAN

Wayne Richter

richterway@sbcglobal.net

VICE CHAIR, MATH AND SCIENCE EDUCATION:

Negin Salami—Johnson Controls, Inc.

negin.salami@jci.com

WEBMASTER:

Cara Kazda—Cummins Filtration

cara.kazda@cummins.com

VICE CHAIR, MEMBERSHIP:

Nerissa Cerny—Harley-Davidson

nerissa.cerny@harley-davidson.com

COMPANY AMBASSADOR CHAIR:

Wendy Heintz-Joehnk—Zimmerman
Architectural Studios

Wendy.Heintz-Joehnk@zastudios.com

VICE CHAIR, STUDENT ACTIVITIES:

Randy Hoffman—WCTC

rhoffman2@wctc.edu

CAREER DEVELOPMENT:

Dale Wiza—Professional Engineering
Placements

dale@engineeringplacements.com

SENIOR ADVISOR:

Kurt Person—Hayes Performance Systems

kurt.person@hbpsi.com

SOCIAL MEDIA MANAGER:

Drew Boyer—Modine Manufacturing Co.

a.m.boyer@na.modine.com

NEWSLETTER EDITOR:

Mike Fricke—HUSCO Automotive

michael.fricke@huscoauto.com

SAE Board Member Shadow Program

Members, your board of directors has created a new way for you to get involved in the activities of the SAE Milwaukee Section!

Do you like the service and support that your SAE Milwaukee Section provides to you? Do you have some fresh ideas to make your section better? Or.....would you like to just get involved?

If you would like to participate but do not know how to get started, we have the program for you. This new program allows you to shadow a board member to learn the details of what they do for this section. With this opportunity you can investigate/help a position that interests you without jumping in with both feet. This will allow you to participate to the level you are comfortable with, find the position that suits your talents and/or interests, or to serve in a committee with others.

We would like to invite you to Shadow a Board Member.

If you are interested in this opportunity, please contact Randy Hoffman at (920) 397-6644.



SAE Milwaukee STEM/AWIM program

Inspiring Today's Students to Become Tomorrow's Engineers and Scientists

OUR K-8 STEM EDUCATION SOLUTION, A World in Motion (AWIM), is a teacher-administered, industry volunteer-assisted program that brings science, technology, engineering and math (STEM) education to life in the classroom for students in Kindergarten through Grade 8. Benchmarked to the national standards, the AWIM program incorporates integrated STEM learning experiences through hands-on activities that reinforce classroom STEM learning.

Program Highlights & Benefits

- It's interdisciplinary in nature, which helps students learn to make meaningful connections among disciplines
- All activities correlate with the Next Generation Science standards and the Common Core standards
- It builds bridges between corporations and classrooms by giving teachers, volunteers, and students the opportunity to work together and learn from each other
- More than 72,000 curriculum/challenge kits have been provided; over 4.5 million students participate; more than 30,000 volunteers.



Industry Support & Volunteers

- Industry support is essential to this program. Corporations and their employees can influence the ways in which youth are prepared to meet the future by sponsoring schools in their communities. By doing so, schools can qualify to receive free or low cost AWIM program Challenge kits.
- Industry volunteers provide students with first-hand impressions and information about careers in their chosen profession and serve as an in-classroom resource for teachers.

Accordingly, Johnson Controls has been supporting certain Milwaukee county schools by providing the kits and volunteering hours over the past 8 years. This year, the “Jet Toy” challenge will be held for three Elementary schools – Atwater, Lake Bluff, and Kluge – proudly in collaboration with SAE - Milwaukee Section and broader SAE members as of the volunteers to enrich the students’ hands-on experience.

The program will be started in early February.

For more information on volunteering, please contact Negin Salami:

negin.salami@jci.com

Section Sponsors



Newsletter communications brought to you by...

Ken Cook Co.

Innovation in Technical Communication

Ken Cook Co.'s mission is to support client customers by developing and distributing client product operating, service and parts information worldwide. Ken Cook is known worldwide for the production of quality technical support documentation in electronic and printed formats and in most languages. Web design, ISP hosting, e-learning, e-business and internet communications are available to our customers.