

SAE MILWAUKEE

An SAE International Section

Upcoming Events

Falk

- May 21

SAE Milwaukee Golf
Outing

- June 6th

Road America – SCCA
June Sprints

- June 11-14

Milwaukee IndyFest

- July 11-12

Wacker-Neuson

- September

May 2015 Newsletter

Next Event:



FALK®

Falk Corporation

Thursday, May 21st
Milwaukee, WI



The Rexnord Gear group, based in Milwaukee, Wisconsin, is an industry-leading manufacturer of engineered gear drives, open gearing, and steel castings, sold under the Rexnord™ and Falk™ brands. Rexnord Gear serves a broad mix of industries, including mining, forest products, aggregate, food, grain, cement, primary metals, and power generation. The Canal Street plant has been in operation since 1892 and consists of about 850,000 square feet of manufacturing space located on 49 acres in Milwaukee's Menomonee River valley. At this site, Rexnord manufactures gear drives capable of transmitting over 8M in-lbs of torque.

The presentation will feature Robin Olson, the Sustaining Engineering Manager at Rexnord Industries, Gear Group. The Sustaining Engineering team is responsible for product sustaining engineering, warranty, test lab, technical services, engineering computer programming and CAD administration, and the Falk Marine Drive business.



Event Agenda

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Registration & Tours..... 4:30–5:30pm

Dinner..... 6:00-6:45pm

Presentation..... 6:45pm-7:45pm

Registration Fees

SAE Members \$20.00

Retirees..... \$20.00

Guests/Non-members \$30.00

Students..... \$10.00

Registration

Registration Deadline: May 18th

Maximum Attendance: 100 attendees

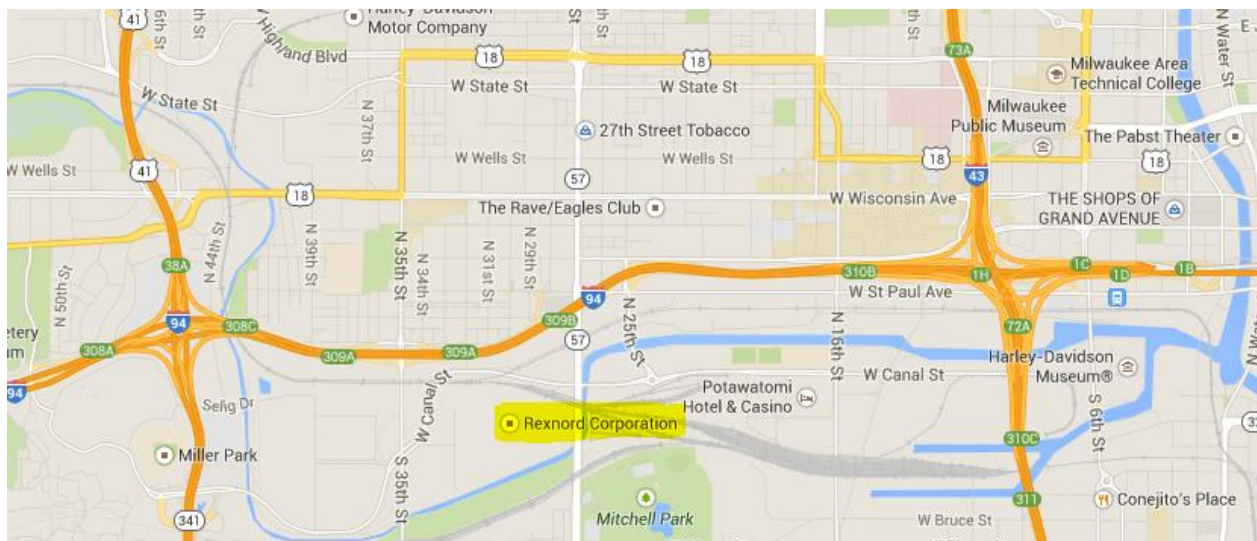
Ways to Register:

- Online with a charge card via www.milwaukeesae.com
- By phone: 414-399-0199 (Drew Caron)
- By email: Andrew.Caron@rexnord.com (Drew Caron)

Registration required – no walk-ins allowed

Location

The tours, dinner, and presentation will take place at Falk, located at 3001 W. Canal St.



SAE Milwaukee Section Board Member Spotlight

Mike Krauski – Collegiate Relations

Mike is currently employed as the Director of Corporate Relations at the University of Wisconsin- Milwaukee, College of Engineering & Applied Science. In that role Mike is responsible for managing collaborative relationships between industry and the College. Such collaborative relationships increase the competitiveness and profitability of industry through the offering of resources and services in the areas of: faculty research, student research, student internships, collaborative research centers, laboratory facilities, and research equipment. Mike also manages the College's ANSYS Institute for Industrial Innovation. Mike's work activities in the college of engineering make him a natural fit for the position of Collegiate Relations on the SAE-Milwaukee Section Board of Directors.



Mike's interest in SAE began in 1974 when he was working as a structural engineer at Bucyrus-Erie Company (now known as Caterpillar Global Mining). Being in the mining equipment industry, Mike's focus in SAE was with the Off-Highway Division. He attended many of the SAE Off-Highway conferences and trade shows that were held in the Milwaukee area at the time and through this participation learned to appreciate what SAE had to offer in terms of technical information on engineering innovative products. During the 1980's and 1990's Mike worked as a sales engineer selling finite element software and related engineering consulting services to a variety of Midwestern companies, including the Big-3 automotive companies in Detroit. It was during that time that Mike transitioned his SAE interests toward automotive engineering. He attended SAE meetings and conferences in the Detroit area and spoke as an invited speaker on the topic of finite element technology at a SAE-Detroit Section meeting.

Mike joined the SAE-Milwaukee Section in 1998, and became a member of the board a few years later. In Mike's role on the board he provides oversight to the organization of the annual SAE-Milwaukee Collegiate Student Night meeting. Throughout the year Mike regularly attends section and board of directors meetings. Mike's participation at the board meetings typically consists of providing advice and guidance on business matters under consideration by the board. In addition, from time to time Mike takes on the role of program manager for organizing and coordinating a section meeting involving a company tour.

If you are a regular reader of the section newsletter you are likely aware that the section has a "Shadow Board Member" program that allows interested non-board members of the section to become involved in learning more about the activities and duties of board members. Mike encourages all section members who have not served on the board to consider doing so through the Shadow Board Member program. Mike would be pleased to mentor anyone who enters the program and has an interest in learning more about the role of the Collegiate Relations board position.

ROAD *Road Racing at its Best™* AMERICA

Elkhart Lake, Wisconsin



SAE at the “June Sprints®”

The First Leg of the SCCA Triple Crown

Thursday, June 11 - Sunday, June 14

7:00 am – 6:00 pm

Special SAE Ticket Prices

\$5.00 for SAE Members

\$10.00 for Non-Members, Guests

Your Program Managers for this event are Jace Birschbach, Marquette Student Chapter, Milwaukee Section – 920.251.7518 cell, and Mark Fisher, Northern Power Products, Chicago Section – 847.224.9871 cell.

How to order Tickets – Order your tickets on-line through the SAE web site at www.milwaukeesae.com. Deadline is Thursday, June 4th. Tickets will be available at Gate 3 “Will-Call” on the day of the event. If you have any questions call Jace Birschbach.

Milwaukee IndyFest at the Milwaukee Mile - July 11 -12

Race cars, live music, great food, carnival rides, and more!

The SAE Milwaukee Section will be selling tickets for this event. Proceeds from ticket sales will benefit our student chapters.

More information with a link to purchase tickets will be announced soon!



Nine and Dine! – Save the Date - 2015 SAE Milwaukee Section Golf Outing / Dinner

Plan to be with us for our 2015 SAE Milwaukee Section Golfers/Duffers June 6 golf outing. Even if you haven't handled those clubs for a while, come join in on the fun. Invite your spouse and friends to make up your foursome or we'll match you up. We especially invite our student members – we'll have a set of clubs for you to use.

Particulars:

Date: Saturday afternoon, June 6, 2:30PM Tee Off

Course: Edgewater Golf Club (Nine hole course) / The Bunkers Restaurant

Address: 1762 Cedar Creek Road, Grafton, WI 53024

Dinner: The Bunkers Restaurant, 5:30PM – Prime Rib is their Saturday night special!

Cost: \$20 per person (9 holes with power cart)

If you stay for dinner, prices range from \$15-\$22



Reserve your Tee Time / Dinner Reservation with:

Wayne Richter 262.770.0252 Talk/Text

Tony Grant 414.935.8761 Talk/Text

Matt Anderson (anderson.matthew@basco.com)

SAE Milwaukee Section Members:

At our May Board of Directors meeting we will be electing officers for the 2015/2016 SAE Calendar year. A list of nominees will be posted in the next couple of weeks and announced at the May 21st Falk Event. Please contact any board member if you would like to nominate a section member for a Governing Board position. All positions are open and we will be voting on all the positions at the May Board of Directors meeting.

Milwaukee Section 2014-2015 Governing Board

CHAIRMAN:

Garrett Herning—Power Test Dynamometers
garretth@pwrtest.com

VICE CHAIRMAN: OPEN**SECRETARY:**

Drew Caron—Rexnord
andrew.caron@rexnord.com

TREASURER:

Mitch Crawford—Modine Manufacturing Co.
m.s.crawford@na.modine.com

PAST CHAIRMAN:

James Ryan—Caterpillar
jim.ryan@cat.com

HISTORIAN:

Wayne Richter
richterway@sbcglobal.net

AWIM/EDUCATION:

Sid Jain - Modine Manufacturing Co.
S.Jain@na.modine.com

WEBMASTER:

Cara Kazda—Cummins Filtration
cara.kazda@cummins.com

MEMBERSHIP VICE CHAIR:

Dale Wiza—Professional Engineering Placements
dale@engineeringplacements.com

COMPANY AMBASSADORS:

Tony Grant - New Berlin Plastics
tony.grant@earthlink.net

COLLEGIATE RELATIONS:

Mike Krauski—UW-Milwaukee
krauski@uwm.edu

STUDENT ACTIVITIES:

Randy Hoffman—WCTC
rhoffman2@wctc.edu

CAREER DEVELOPMENT:

Dale Wiza—Professional Engineering Placements
dale@engineeringplacements.com

SENIOR ADVISOR:

Kurt Person—HB Performance Systems

SOCIAL MEDIA MANAGER:

Drew Boyer—Modine Manufacturing Co.
a.m.boyer@na.modine.com

NEWSLETTER EDITOR:

Mike Fricke—HUSCO Automotive
michael.fricke@huscoauto.com

STUDENT PROFESSIONAL TRANSITION MANAGER:

Nerissa Hanson—Harley-Davidson
nerissa.hanson@harley-davidson.com

MINI BAJA CHAIRMAN:

Matt Anderson—Briggs & Stratton
anderson.matthew@basco.com

STUDENT REPRESENTATIVES:

Marquette: Jace Birschbach—jace.birschbach@marquette.edu
MSOE: Karl Hundt—hundtk@msoe.edu
UW-Milwaukee: Nate Sievers—nsievers@uwm.edu
Michigan Tech: TBD
UW-Madison: TBD
Northern Michigan University: TBD

A Letter from the Chairman

Greetings Milwaukee SAE Section members and friends,

Summer is just around the corner and our meeting at Falk will be the last monthly tour/speaker event for the SAE year. It has been an enjoyable year and I hope you enjoyed the events.

Upcoming for the summer months will be our annual Golf Outing, special priced SAE tickets to the June Sprints at Road America, and our 2nd annual cruise night. These are great social activities where you can bring your friends and co-workers along to see what SAE is all about.

The year may be coming to a close, but next year will be here soon and that means the SAE Milwaukee Section is looking for your help! We have two great opportunities for you to help grow your leadership skills and help keep our section active and continue to be the premier engineering society in the area.

The first is our Shadow Program. Are you interested in what being a board member entails? Volunteer to be a shadow and we will pair you up with a board member. You can see what this board member does and help them with some of their tasks through the year. This is a great way to get involved and see what helping out with the Milwaukee SAE Section is all about. Please contact Randy Hoffman for more information.

The second opportunity is our AWIM/STEM initiative. Please consider volunteering to help bring engineering into the classroom for middle and high school students. Did someone spark your interest as a child that led you to a path in engineering? Maybe you can do the same for a young person. This is a great way to have an impact and promote the engineering discipline. Please contact Sid Jain for more information.

I look forward to seeing you at our Falk Event or one of our upcoming summer social events!

Garrett Herning
SAE Milwaukee Section – Chairman

NEW!!

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 Chapter!

Do you like the service and support that your SAE Milwaukee Chapter 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 or find the position that suits your talents and/or interests.

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

Your Milwaukee Chapter needs your help with expanding the AWIM program within the local schools. AWIM (A World In Motion) is a teacher-administered, volunteer-assisted program that brings Science, Technology, Engineering and Math (STEM) education to life for K-12 grade students. Program focuses on various age-appropriate challenges that are taught through the use of “kits” – students build different models using these kits while learning about basic principles of physics, motion and flight.

We have paired up with Messmer Prep and St. Rose/St. Leo schools in Milwaukee and will be introducing the AWIM program there



- Both schools are part of the Messmer Catholic Schools and serve the inner city students through a Voucher/Choice program
- This is **first time** a program of this kind is being introduced at Messmer – the program was **specifically requested by teachers** there to inspire girl students and encourage them to pursue STEM subjects later in their educational career
- AWIM program to be introduced for 4th and 5th grade students at both schools, with a focus on all 3 elementary and one middle school challenge
- **We want YOUR help** in assisting students in Fall and Spring sessions in after-school program setting (~ 3:30 – 5:00 pm)
- **For more information on volunteering, please contact Sid Jain, S.Jain@na.modine.com**

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