



Milwaukee Section Newsletter

May 2011

www.milwaukeeesae.com

FAMILY NIGHT

Go-Kart Racing at:



**West Bend, WI
Saturday May 28th, 2011**

***BRING YOUR KIDS AND FAMILY FOR AN
AFTERNOON OF FUN AND A LITTLE
COMPETITION!***

Bring your family and join the section membership for some recreational enjoyment at Stocky's Fast Track & Grill. Don't miss this opportunity to get to know other section members and spend some quality time with spouse and kids.

All ages are welcome to join us. Contact Stocky's, 262-306-0100, for any driving/passenger age requirements. The track will be rented out for a private SAE session. It is an indoor course and racing will occur rain or shine!

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

Racing & Dinner: 4:00 ~ 6:00 pm

--- **RACE AND DINNER PACKAGE** ---

\$15 / person

Includes race and pizza dinner with soda refreshments.

Directions to Stocky's

Stocky's: 6389 Stockhausen Lane West Bend, WI

From North (Fond Du Lac)

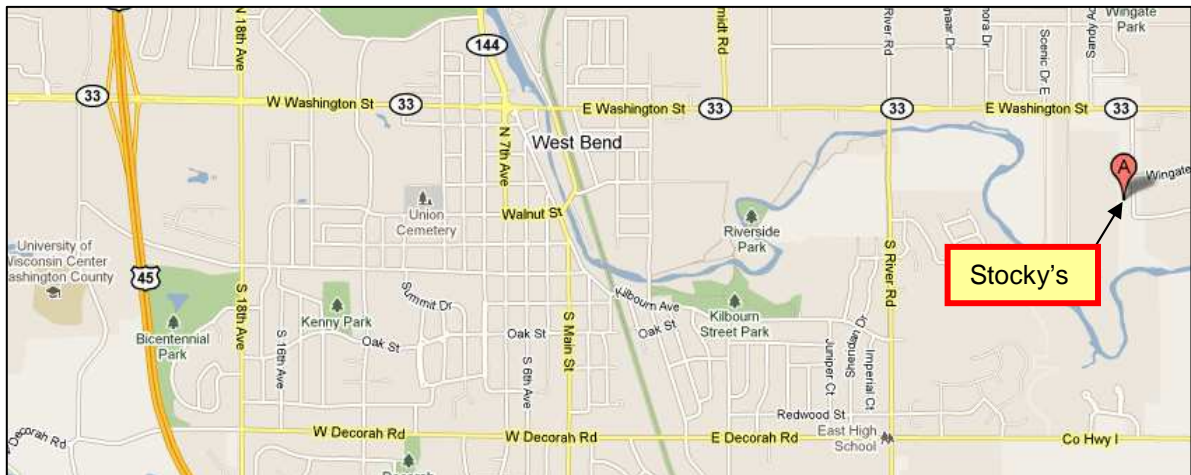
Follow US-45 S and take exit toward WI-33 E.
Take left onto WI-33 E
Turn right onto Stockhausen Ln and follow to address

From West (Madison)

Follow US-151 N, take exit 132 to merge onto WI-33 E
Turn left onto WI-33 E, stay on WI-33 E
Turn right onto Stockhausen Ln and follow to address

From South (Airport)

Follow I-894 W to US-45N
Stay right on US-41 N towards West Bend
Take the exit onto WI-33 E
Turn right onto Stockhausen Ln and follow to address



Registration

Only pre-payments made with a **charge card** can be completed online via <http://www.milwaukeeesae.com>. Retirees, students, and members without web access may register by phone on the SAE Registration Coordinator – Jim Ryan (262) 424-4958. **Note the new phone number!** MAX ATTENDANCE for this event is 100. Registration deadline: **Thursday May 26th, 12:00 p.m.**

April Section meeting at Snap-on:

Kenosha, WI was the site of the April section meeting at Snap-on Tool. The meeting had 80 people in attendance and started off with a self-paced tour of their impressive museum. Then, the group was invited to the on-site cafeteria to enjoy a delicious dinner sponsored by Snap-on. After a short introduction the group divided into three teams for interactive presentations.

At the end of the meeting each person received a specialty Snap-on wrench with the SAE logo engraved into the steel and packaged in a custom display. Many thanks to Snap-on for hosting one of this year's best meetings. We hope to see Snap-on again next year for a tour of their manufacturing facility, guaranteed to be another outstanding meeting!

“Terrific job, excellent meeting”

“The Snap-on team was extremely well coordinated” – J.Ryan

“One of the best SAE meetings I attended in 37 years!” – D.Karlak



Pictures from the meeting

June Sprints at Road America – Elkhart Lake, WI



Join your SAE Milwaukee, Chicago, Rockford-Beloit, Michigan, Indiana and Western Michigan Sections at this great race event. Help celebrate the Chicago Region's 62nd anniversary. Come enjoy this outstanding racing experience. We are so privileged to have this fine 4.5 mile race course conveniently available to us. The June Sprints® races involve a multitude of car styles and classes; open wheel, stock car, historic and modified custom. Over 30 classes of cars will compete, separated into groups for the purpose of, qualifying and road racing. Qualifying occurs each morning with racing in the afternoon.

We invite all of the schools to display their SAE student projects near the hospitality tent area on Saturday and Sunday.

Through a special arrangement with our friends at Road America, we can offer these normally \$35.00/day tickets for just \$5.00 for our SAE members. Invite a non-member guest along for just \$10.00 per day. You can order as many tickets as you wish.

SAE has blocks of tickets for Thursday through Sunday, June 16 to June 19. Chose any or all of the days at the special per day ticket pricing. **Pick up your tickets at Gate 3 on the day of the event.** Gates Open – starting at 7AM.

Your Program Managers for this event are Doug Kautzer, Briggs and Stratton, Milwaukee Section 414.259.5733 (414.788.7443 cell), and Mark Fisher, Northern Power Products, Chicago Section - 847.224.9871 cell.

How to order Tickets – Order your tickets, on-line **ONLY**, through the SAE web site at www.milwaukee.sae.org. **Deadline is Thursday, June 9th**. Tickets will be available at Gate 3 “Will-Call” on the day of the event.

Bring your Family - Children 12 and under are free with a paying adult.

SAE Hospitality Tent Saturday & Sunday – Stop for a cool bottle of water or soda at our hospitality tent. Watch for the familiar blue and white “SAE” banners. We will be located at turn 3 of the race course. Our hospitality tent will be within sight of the Corvette Coral, a popular site at the corner of turn 3. We will staff the tent from 10 AM to 2 PM each day. Doug Kautzer will be hosting the event on Saturday, and Mark Fisher will be hosting the event on Sunday.

Camping – For those interested, camping registration is at Gate 4 at the south end of the track off County Road “J”.

Spectator Karting – Treat family members, age 13 or older to spectator karting at the Briggs & Stratton Motorplex. This occurs from 10AM to 6PM at a price of \$20.00 per participant.

Website: www.roadamerica.com for more details about the event.

SAE Testimonials:

I have always been interested in mechanical things and how they work. It goes back to my early childhood when I would modify my toys to make them into something else. I think I learned this from my father who was a very good mechanic and made a lot of our toys for Christmas, such as these model steam engines. (I am the one in the striped shirt in the front). When I was in high school I wanted to be an automotive engineer and design cars. I think that I bought every model car kit that was on the market and worked with them to make my own designs once I started to have a job.



After I graduated from MSOE I started to work at Teledyne Wisconsin Motors in Milwaukee in the Service Department and then went into the Engineering Department. Working in the Service Department taught me many valuable lessons on how to deal with customers. These valuable lessons serve me well today working as an International Engine Application Engineer at Briggs & Stratton.

While at Wisconsin Motors and now at B&S I was involved in SAE. It was a good source for obtaining technical information and meeting colleagues in the same or similar professions.

Currently I am the secretary of the Milwaukee Section. It is a great opportunity to again work with a variety of people with different disciplines in a variety of industries. It is very satisfying to provide technical assistance and guidance to our student members as they progress with their education.

SAE provides an excellent source for networking to find solutions for many of our current opportunities in today's transportation and power solution fields. The dinner meetings and business tours are one way to meet these goals. The other way is to serve on a committee or volunteer to help out with the local activities sponsored by the Milwaukee Section or some of the activities put on by SAE International.

**Douglas Kautzer - International Engine Application Engineer
Briggs & Stratton Corporation**



“I have found my SAE connections and membership to be very rewarding. My involvement with SAE started at MSOE when I participated on the 2005 Formula SAE team. My position as SAE webmaster and company representative has enabled me to meet many neat people and has been a great networking tool within the industry. As a huge fan of auto racing, SAE has kept me informed and close to the racing activities within our section. I especially enjoy the partnership SAE shares with Road America.”

**Cara Kazda, SAE Webmaster & Cummins Company Representative,
Product Development Engineer, Cummins Filtration, Stoughton, WI.**

***Share your success story with our membership.
Send submission to Tony Grant (tgrant@milcut.com)***

Milwaukee Section 2010-2011 Governing Board

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email: Jim.Ryan@Bucyrus.com

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STUDENT REPRESENTATIVE:

Marquette University: *OPEN POSITION*
UW-Milwaukee: Mitch Crawford
MSOE: Alex Zelhofer, Sven Krause

Dear Members and Section Friends,

I hope you enjoyed this year's events, and I'm confident we you'll be even more impressed with next year's lineup. We're targeting a great kickoff next year beginning with Zero Bike electric motorcycles followed by a tour of the MGA proving grounds. We're also excited to team up for a joint meeting with our neighboring Chicago and Beloit sections to bring you more networking opportunities.

This operating year will finish with our Family Night meeting in May followed by the June Sprints event at Elkhart Lake.

We wish our student chapters the best of luck at their competitions beginning in May. The events begin on May 1st with Formula Hybrid in New Hampshire, followed by Formula SAE Michigan on May 11-14. Baja events begin in Kansas May 26-29 and Illinois June 8-11. The final events are Supermileage May 9-10 and Formula SAE California May 15-18. Come learn about their experience by attending the Student Night meeting in November.

Special thanks goes to Ken Cook Company for providing sponsorship of printing and distributing of our monthly newsletter during this past year. Their support provides a large substantial cost savings to our section which translates into higher student grants distributed to our Section's collegiate chapters.

I wish you a relaxing summer and hope to see you again when our activity resumes in September.

Best regards,

Jim Ryan
Chairman – Milwaukee Section

Job Postings

Chief Technologist - Principal Engineer

Location: sWI - nIL

Chief Technologist combines proficiency in multiple engineering disciplines with an understanding of emerging or changing market conditions and sales skills in order to lead the organization to new technical solutions that create customer satisfaction and build loyalty. This is accomplished through creating and applying new knowledge about customers, about solutions, and about choosing solutions.

** Customer Engagement: Lead technical aspects of EOC/VOC, sales activity, especially with high-level technology. Lead technical negotiation on development contracts*

** Research & Development / Product & Process Design and Testing: Generate and evaluate concepts and ideas for extending the state-of-the-art products, mfg. procedures, new designs, materials, components, equipment and engineering software; Review and approve design specifications to meet customer, agency, and market requirements; Approve product architecture, design approaches, and new design automation tools and systems*

** Quality Assurance: Approve methods for product, process, analysis, materials, and system audits
Advanced engineering degree preferred, a min. of ten (10) years prior related experience.
Strong knowledge of the Diesel Emission markets, including technology research, industry standards, regulatory influences, existing IP and competitive products; and temperature sensors
Solid engineering skills in electronics, testing, equipment usage, math, heat transfer, electrical theory, fluids, material properties, Lean, DFT, ISO and Quality principles*

Contact Dale Wiza, dale@engineeringplacements.com or 414-807-9663.

Meeting Sponsorship

Snap-on Incorporated

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