

SAE MILWAUKEE

An SAE International Section

Upcoming Events

Epic

- May 18th
- Leading healthcare software company
- Tour & presentation

Future events

- June 4 – SAE section golf outing
- June 18-19 – June Sprints, Road America
- July 13 – SAE Milwaukee Section members' car/motorcycle show
- September – Modine 100th anniversary
- October – Milwaukee Electric Tool
- November – Student Night

May 2016 SAE Newsletter

May Event:

Epic

May 18th

1979 Milky Way,
Verona, WI 53593

About the Event

About the Company

Epic Systems' goal is to improve healthcare and research so that people can get well, stay well, and future generations can be healthier. To achieve our goal, we offer an integrated suite of Electronic Health Record (EHR) applications designed for the unique needs of healthcare providers. With Epic's software, healthcare organizations can better coordinate care wherever the patient goes, and patients and care givers have online and mobile access to their health information.

Epic was founded in 1979 by Judith Faulkner, a mathematician and computer scientist, to create a patient-centric database for healthcare organizations. Beginning with 1 ½ employees and \$70,000 in start-up capital, Epic grew organically and eventually began developing applications for ambulatory providers and later inpatient providers. We build, install, and support our software with in house staff. We have remained privately held and employee owned, which we believe has helped us invest more in development and prioritize projects that will provide our clients with the most significant impacts on care outcomes. Today, we have the industry's broadest and best-rated integrated EHR suite.

About the Presenter

Sumit Rana is Epic's Senior Vice President of Research and Development. Sumit serves as a liaison with customers and helps coordinate and propel Epic's technology and application development roadmap. Sumit previously served in the role of Executive Director of Epic's Implementation Services where he bridged the gap between Implementation and Research & Development ensuring successful, on-time-on-budget delivery of quality software.



Sumit is a graduate of the Delhi College of Engineering and has formal training in computer science. He has played an extensive role in Epic's software and services planning and development and has been with Epic for over seventeen years.

Meeting and Tour info:

Sumit will first give a short presentation on the history of Epic, the software produced by Epic as a software factory and where the company is headed. It will be followed by a tour of the Epic's Central Park campus and Deep Space auditorium.

Event Agenda

Registration	5:30pm-6:00pm
Presentation and Dinner	6:00pm-6:40pm
Tour	6:40pm-8:00pm
Wrap-up	8:00pm-8:15pm

Registration Fees

SAE Members	\$20
Retirees	\$15
Guests/Non-members	\$30
Students	\$5

Registration

Registration Deadline: May 17th

Maximum Attendance: 200

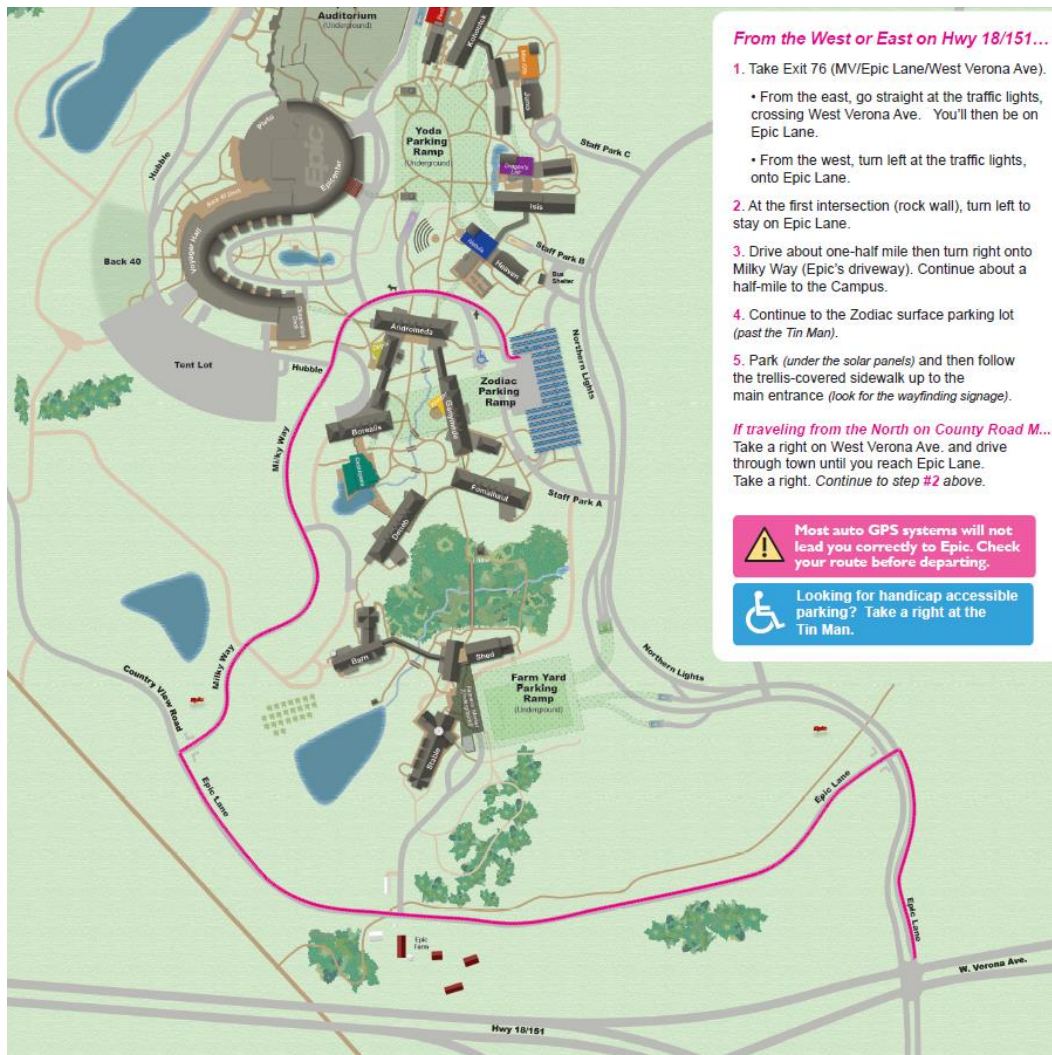
Ways to Register:

- Online with a charge card via www.milwaukeesae.com
- By phone: Garrett Herning – (262) 309-3622
- By email: Garrett Herning – garreth@pwrst.com

Registration required – no walk-ins allowed

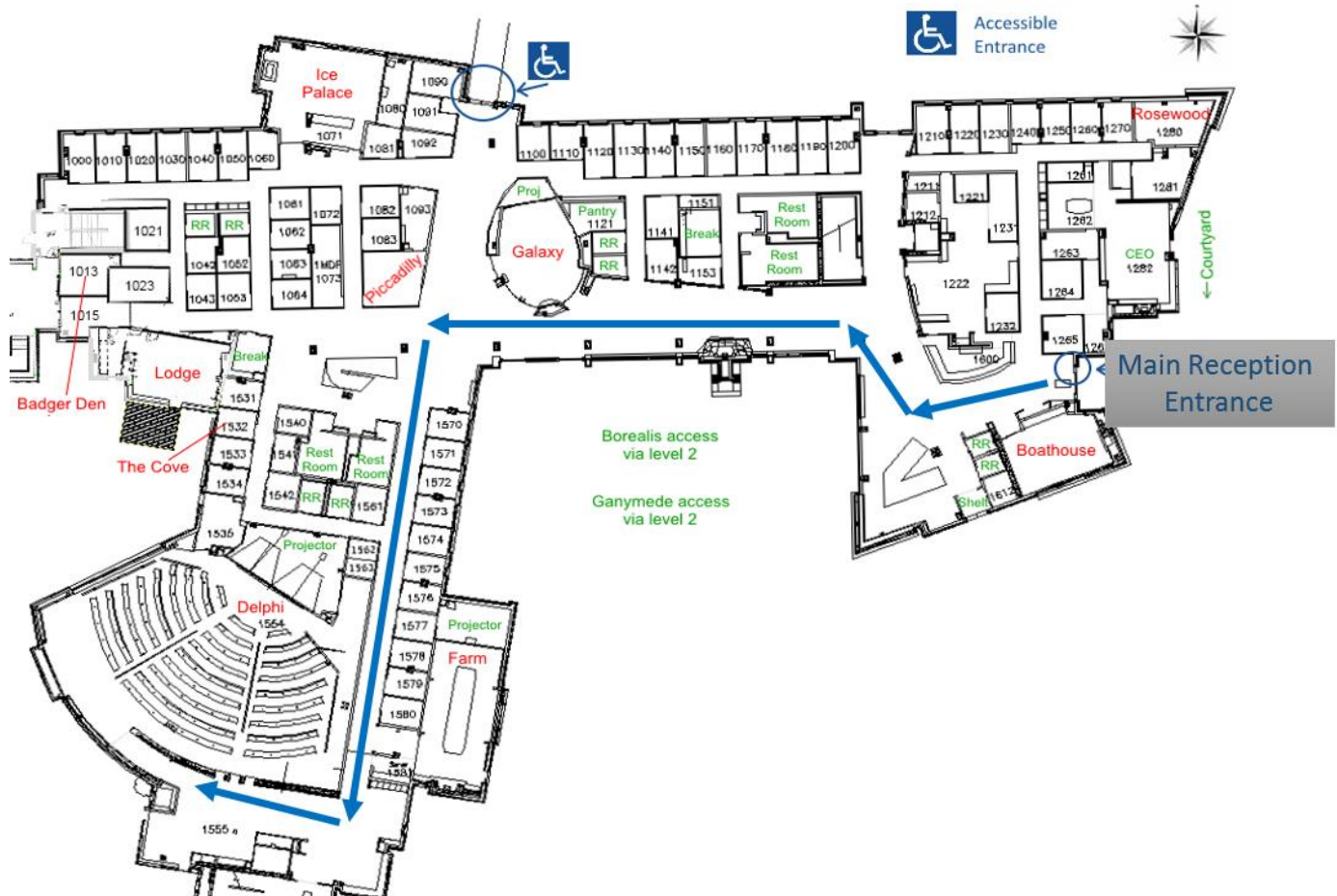
Directions to Epic:

Please note that depending on the number of attendees we may alter the parking plans for this meeting. We will send out updated directions later if needed.



Directions to Delphi Conference Room:

1. Enter the main reception doors on the east side of the Andromeda building
2. Walk past the main reception desk and veer to the left walking past the large fireplace
3. When you see the Cat in the Hat statue sitting on the bench turn left and walk past the stairs
4. Continue down the hall way until you see the doors leading outside and turn right going down the small flight of stairs
5. Continue through the doors leading to the Delphi Conference Room



Thank You

We would like to thank Ariens Company for sponsoring the dinner at the April event. This allows us to use more funds for our student night awards. Thank you, Ariens!



ARIENS

2016 SAE Golf Outing

Golf Outing – “Nine and Dine at the Edgewater”

What – Nine Holes of Golf, play Best Ball.

Where – Edgewater Golf Club/The Bunkers Restaurant, Grafton, 1726 Cedar Creek Rd, Grafton WI 53024

When – Saturday, June 4, 2:30PM Tee Time, followed with optional dinner in the club house

Who – SAE Milwaukee section members/spouses/friends/family. Put together a foursome of colleagues, friends, or family. Single players are welcome – we will match you to a foursome.

Pricing - \$25 for 9 holes of Golf, optional group dinner.

Dinner – Sandwiches/Dinner range from \$8-\$22, plus refreshments and 18% gratuity. Delicious Prime Rib is their Saturday Night Specialty.

Special Prizes for: Longest Putt on #9, Closest to the Pin on #5, Closest in Two on #8, Longest Drive for Men on #1, Longest Drive for Women on #6.

“Prizes” for everyone!

Register online or contact Wayne Richter at (262) 770-0252



June Sprints – June 18-19



The SCCA June Sprints will take place June 18-19 at RoadAmerica in Elkhart Lake, WI. Once again this year, SAE Milwaukee has received discount tickets to the event. The cost for the tickets is \$5 for members or \$10 for guests – up to a \$30 savings per ticket! As in past years, there will be an SAE Milwaukee tent with student vehicles displayed on Saturday, the 18th. Visit www.milwaukeesae.com or contact Wayne Richter (262-770-0252 or richterway@sbcglobal.net) if you would like to purchase the discounted tickets! **Please register by June 4th.**



Board position nominees for 2016-2017

The individuals below have been nominated for one or more board positions on the 2016-2017. If you have an interest in serving on the board or would like to nominate an individual, contact a current board member.

Name	Position
Van Phifer	Chairman
Garrett Herning	Treasurer/ Program Manager
Guy Campbell	Secretary
Wayne Richter	Historian
Wendy Heintz-Joehnk	Company Ambassador/ Outreach
Cara Kazda	Webmaster
Mike Krauski	Senior Advisor
Randy Hoffman	Student Activities
Dale Wiza	Career Development
Kurt Person	Senior Advisor
Hannah Neitzke	Motorsports Chair
Nerissa Cerny	Membership Vice Chair
Drew Boyer	Social Media Manager
Mike Fricke	Newsletter Editor
Open	A World In Motion (AWIM) / Education

SAE Board Member Spotlight

Van Phifer – Vice Chairman

Hello, I'm Van Phifer and I've been an SAE Member since I was a student at MSOE. I've been an attending member at section meetings in Wisconsin and North Carolina. I am finishing up my first year as Vice-Chairman of this section after returning again to Wisconsin.

I grew up in Milwaukee, Wisconsin and have worked my way through an associate's in Mechanical Design, and a bachelor's in Mechanical Engineering Technology. Early in my career I did extensive contract work which was a great way for a young engineer to gain a lot of varied experience with products, software, processes, and systems. After a few years I settled into capital special machinery engineering where I had done an extensive amount of contract and consulting work. After a being in special machinery for about 8 years I decided to pursue an MBA and that moved me to North Carolina and briefly out of machinery and into product design and process improvement. Alas I returned to special machinery and led a startup company for a few years developing a full product line. During this time, I also did a fair amount of consulting helping small & medium size businesses with SolidWorks issues and product design. During my time in NC I enjoyed having access to SAE. Some highlights were touring the US Air repair facility and walking through an Airbus under full teardown, having dinner with an SR-71 pilot and author, and going to the SAE Congress. My last position in North Carolina gave me great exposure to NASCAR race teams and engineers as we had well known brake testing facilities with the ability to test from A-arms out with wheel on as well as from rear axle flange out, which I developed. I also had the great opportunity to develop a production set of brake calipers as OE replacement for Porsche, which they are now purchasing from our customer for their restoration services business.

Around this time the economy tanked as did NASCAR, so we decided we would like to be back in Wisconsin closer to family. I accepted a position with Bucyrus and enjoyed the mining bubble for a few years while starting to get involved in the Milwaukee section after being away for a long time. Unfortunately mining tanked and I moved south to Arkansas for a year and I was away from SAE due to the lack of active sections near where I lived. As I prepared to move back I came right back to SAE to continue the involvement I had started before I left. Currently I'm back working in special machinery as an engineering manager for Toellner Systems.

On the personal front, I'm an avid bicyclist, riding for fun on all types of bikes year round and participating in numerous activities around bicycling. I'm also an avid gear head into cars, tractors, and motorcycles, and I'm in the process of remodeling our house.

I'm looking forward to seeing the growth and diversification of our tours that demonstrate the diversity of manufacturing and opportunities for engineers covered by our section.

SAE Milwaukee Section Summer Car Show

When: July 13th 6:00-9:00 pm

Where: Hayes Performance Systems, South Lot

5800 West Donges Bay Road • Mequon • WI 53092

Who: SAE Members & Friends of the Milwaukee Section



Summer is finally here! Mark your calendars and start your engines for the evening of Wednesday July 13th for our 3rd annual SAE Milwaukee Section Car Show. Break out the car wax and chrome polish, and then bring your favorite classic ride, hot rod, motorcycle, or performance car to Hayes Performance Systems in Mequon for an evening of comparing notes, seeing what is under the hood and mostly true stories. Vote for your favorite ride, best of show, and most unique.

Who knows, perhaps you could be the winner?



Milwaukee SAE Section Members:

➤ Goto: <http://www.milwaukeesae.com> to register your attendance.

Milwaukee SAE Section Friends:

➤ E-mail garretth@pwrst.com or call Garrett at 262-309-3622 to register your attendance.

Contact:

➤ Garrett Herning (garretth@pwrst.com) with any questions.

This year's car show will be in remembrance of SAE Member Don Berchem.

All vehicles must have current registration, license plates, and insurance. Vehicles must be driven to and from Hayes Performance Systems. No race vehicles, trailers, or vehicles on trailers permitted.

Milwaukee Section 2015-2016 Governing Board

CHAIRMAN:

Garrett Herning—Power Test Dynamometers
garreth@pwrst.com

VICE CHAIRMAN:

Van Phifer

SECRETARY AND BAJA CHAIRMAN:

Drew Caron—Rexnord
andrew.caron@rexnord.com

TREASURER:

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

HISTORIAN & COMPANY**AMBASSADOR:**

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:

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

COLLEGIATE RELATIONS:

Mike Krauski—UW-Milwaukee
krauski@uwm.edu

STUDENT ACTIVITIES:

Randy Hoffman—WCTC
rhoffman2@wctc.edu
Guy Campbell—UW-Platteville
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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

A Letter from the Chairman

Greetings SAE Milwaukee Section Members and Friends,

Summer feels like it is in full swing. The grass is green, sunny days are here, and we are wrapping up our SAE year with our final event at EPIC outside of Madison.

We still have a few events over the summer so please take a look at the website and join us. In Early June we will be having our Annual “Nine and Dine” Milwaukee Section Golf outing. We’ve been lucky to have great weather for this event the last couple years, so once again plan on joining us. As we have done in years past, we are offering our discounted June Sprints tickets to Road America. Come see the SCCA races at one of America’s premier race tracks. Our Student Sections will have their project vehicles on display and will be available to talk about the hard work they put into these for various SAE competitions around the United States. Lastly, we will be having our 3rd annual SAE Milwaukee Section Car Show in July. Bring your favorite ride out and join us for an evening of peaking under the hood and possibly true stories.

I want to give recognition to our last three event hosts, Midwest Composites, Signicast, and Ariens Company. All of these companies sponsored their respective section meeting, which contributes significantly to our operating budget and our ability to give back to our membership and the student sections. Thank you very much for your support. Lastly I want to recognize the hard work our Company Ambassador Chairman Wayne Richter did on organizing the Ariens event. We had a record of 95 in attendance way up in Brillion, WI. The event went smoothly and everyone had a great time. Thanks Wayne!

Garrett R. Herning

SAE Milwaukee Section - Chairman

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 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 Section 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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