



Milwaukee Section Newsletter

September 2011

www.milwaukeeesae.com

MGA Research Corp.



Tour through test facilities and technical presentations on vibration, test simulation, and automotive crash testing

**Wednesday, October 12, 2011
Burlington, WI, 4:30PM**



MGA Research Corp is recognized worldwide as one of the leading independent providers of testing services and equipment/facilities which serves a wide range of industries including automotive, aerospace, and defense. The company started in 1977 near Buffalo, New York with the three founders (Miller, Greene, Arendt) and has since expanded to locations in Wisconsin, Michigan, South Carolina, Virginia, and Canada.

The company purchased the former AMC Proving Grounds in Burlington, WI from Chrysler Corporation in 1988 and today uses the 400 acre facility for much more than it was originally intended. As an independent services provider with multiple locations and disciplines, they offer a unique view on industry and government needs.

Along with UW – Madison, they have hosted the SAE Midwest Baja at their Wisconsin location in 2006, 2009, and are also planning for June 2012.

The tour will include a walkthrough and discussion on various test equipment/technologies as well as a drive through on many of the test track surfaces and remote test area.

- Safety glasses are required – MGA will provide to anyone without glasses
- No cameras or video recording on the tour
- Citizenship must be noted when registering



Presenters



Jeff Lewandowski – Mr. Lewandowski is an electrical engineer (Marquette) who joined MGA in 2002, after a significant career with AO Smith and Tower Automotive. Today, Jeff leads the servo-hydraulic laboratory in Wisconsin and also has a lead role in occupant safety related activities. Jeff will present the global aspects of MGA, our background in vibration, and the role of using simulation systems to improve the performance of products in the field.



Ben Fischer – Mr. Fischer is a mechanical engineer (UW – Madison) who joined MGA in 2006 and has a lead role in the crashworthiness area. Ben is a test coordinator for MGA with the National Highway Traffic Safety Administration (NHTSA) and will present the background of crash related items such as New Car Assessment Program (NCAP) star ratings and Insurance Institute for Highway Safety (IIHS) tests.

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

Tour: 4:30 – 5:45 (MGA Research Corp)
Dinner: 6:45 pm (the Cotton Exchange restaurant)
Presentation: 7:15 – 8:00

--- **DINNER** ---

DINNER PRICES

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

Dinner Menu: At the Cotton Exchange restaurant, enjoy a buffet including chicken parmesan and roasted pork loin with seasoned mashed potatoes, vegetable du jour, roles, coffee, tea and milk.

Registration and Tour: A

MGA Research Corp

5000 Warren Road
Burlington, WI 53105

Directions to MGA Research Corp

- Take I-43 South towards Beloit
- Take Exit 36 WI-120S towards Lake Geneva
- Turn left onto WI-120S
- Turn left onto WI-11 E/WI-11 Trunk E
- Slight right onto State 83 Burlington Bypass

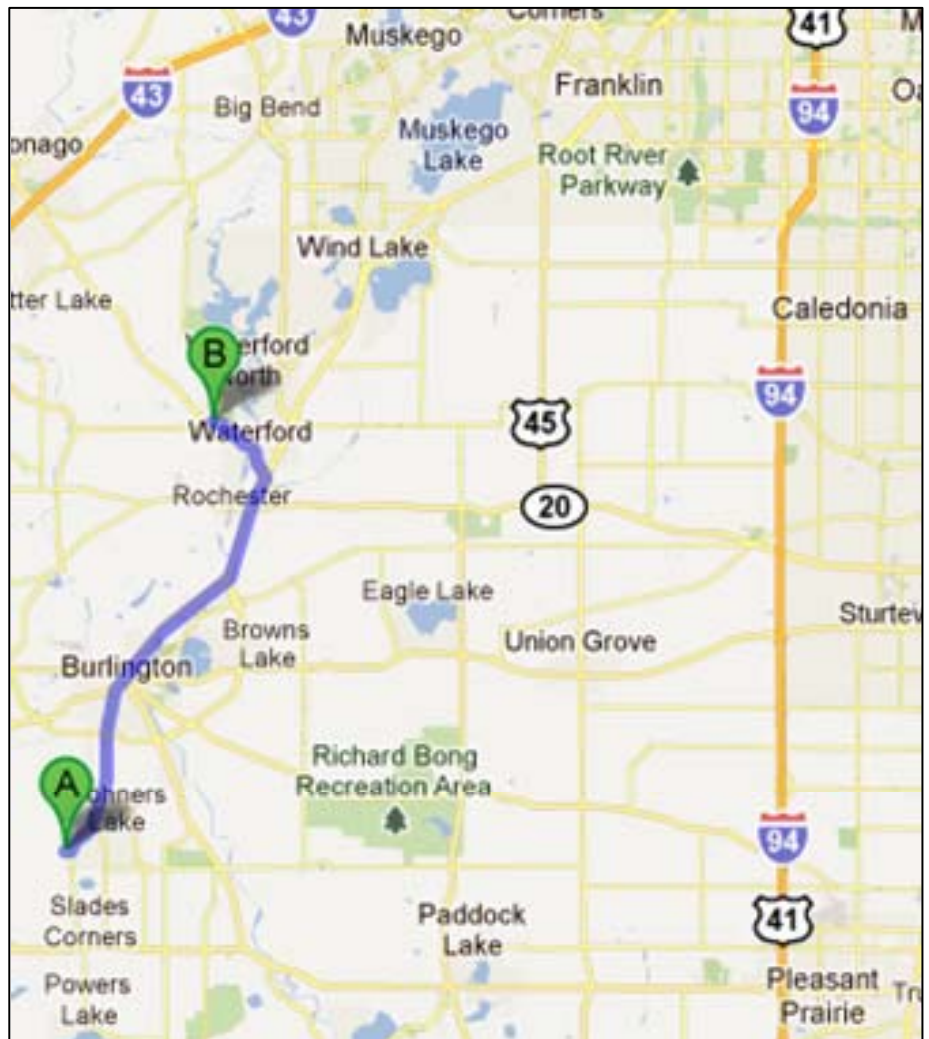
Dinner: B

Cotton Exchange

345 Hickory Hollow Road
Waterford, WI 53185

Directions from MGA to Cotton Exchange

- Head east on Warren Rd toward Country Rd P/McHenry St
- Turn left onto Country Rd P/McHenry St
- Continue onto WI-36N/Milwaukee Ave
- Turn left onto State 83 N
- Turn left onto W Main St
- Turn right onto Buena Park Rd
- Take 1st left onto Hickory Hollow Rd



Registration:

Only pre-payments made with a charge card can be completed online via <http://www.milwaukeeesae.com>

Registration Deadline: Sunday, September 11, 10:00PM

Maximum Attendance for this event is 150

Registration can be completed online <http://milwaukee.sae.org> Or by phone at 414-587-8855 (Josh Rayeske)

Stay tuned for details on the November student night meeting. This year's venue will be held in downtown Milwaukee at Marquette University. Come learn about the excitement and challenges of the student chapter design competitions.



Join the Rockford – Beloit Section for a look back at the 28 cylinder Pratt & Whitney R-4360 Wasp Major radial engine that powered the likes of the B-35 Flying Wing, the Hughes H-4 Hercules (Spruce Goose), and the Goodyear Super Corsair F2G. The event will be held at a great venue in Poplar Grove, Illinois; the Vintage Wings & Wheels Museum.

If you are interested in attending please RSVP to Tim Franckowiak before Noon, Friday, September 30th.

Phone - 815.966.8523 Email - timothy.franckowiak@hs.utc.com



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UW-Milwaukee: Mitch Crawford
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Dear Members and Section Friends,

Thanks for joining us at the September Eric Buell Racing event. Over 200 attendees participated in a walk through of Eric Buell Racing (EBR), saw the 1190ERS race bike, and heard the unique story of the evolution of America's Sports Bike. This event marked the highest attendance for the Milwaukee Section in over 10 years! Best of luck to the EBR team on racetrack.

I'm proud to report that the Milwaukee section is the 5th largest section in the world. Our Milwaukee Section membership is currently at 920 strong. By adding 180 members this year we can become the 3rd largest section. We need to work together by networking and promote SAE to increase our membership. A portion of your annual membership fee is given back to the Milwaukee Section and helps fund our local operations for newsletters, student grants, and subsidizing meal cost.

Remember to visit our website regularly to learn more about the Section's activity. Beginning this year, you can now find the board meeting minutes posted online. Take a glance to find out what meeting plans are in the works. We always encourage your feedback or recommendations.

Best regards,

Jim Ryan
Chairman – Milwaukee Section

Have a success story you would like to share with our membership?
Send submission to Ken Traub (ken.traub@boschrexroth-us.com)

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