

APRIL MEETING

Wednesday, 21-April-2004



DAIMLERCHRYSLER

PROGRAM:

Tour of the Daimler-Chrysler & Ford Training Centers

- ◆ Hear representatives from Ford & DaimlerChrysler speak about their cars and their companies
- ◆ Tour the Automotive Training Labs located on the Campus
- ◆ Arrive early to visit the outdoor display of trucks and cars [see page 2] or play pool, foosball, and ping-pong
- ◆ Participate in demonstrations on tech data websites, on-board diagnostics scantool interfaces, transmission overhaul, engine overhaul, and more???

The demand for trained automotive technicians is at an extremely high level and is increasing annually. A wide range of employment opportunities exist with dealerships, fleets, mass merchandisers, independent garages, service stations, and corporate industry. Typical job titles of positions available to graduates include: automotive technician, electronic fuel injection technician, transmission technician, engine technician, auto repair service estimator, air conditioning technician, and exhaust emissions technician.

Location: MATC North Campus
5555 W Highland Road
Mequon, WI 53092
phone: 262-238-2200

- - - EVENT AGENDA - - -

Registration:	5:00pm
Dinner:	5:45pm
Program & Tour of Automotive Labs:	6:30pm

- - - DINNER - - -

MENU:

Buffet will be provided - *No selection is required*
Manicotti & Southern Fried Chicken Breast with dinner vegetable, garden salad, roll, dessert, and beverage selections.

COST:

SAE Members / spouses:	\$15.00
Retirees:	\$12.00
Guests / Non-members:	\$20.00
Students w/ID	\$5.00

Registration:

Dinner reservations must be received the week before the event. Only charge card pre-payment can be collected on line, via <http://milwaukee.sae.org> . Email at: milw-sae@wi.rr.com , or phone: **(414) 465-6420 [NEW]**, and pay at the door.

"No-shows" with reservations will be billed.

50-Year members entitled to 1 free dinner annually.

Registration deadline: 2:00pm – Friday, Apr 15th

Topic: The Ford ASSET and DaimlerChrysler CAP Program

Speakers: <> Julie Sherwood, DaimlerChrysler Training Center Supervisor,
<> Jim Capacio, Ford Training Center Instructor

Milwaukee Area Technical College (MATC) operates two advanced Automotive Technician Training Centers within the north campus facility. Staffed by faculty, the centers provide state-of-the-art instruction and certification of technicians. Julie Sherwood, of Daimler-Chrysler, and Jim Capacio, from Ford, will be our presenters tonight.

Demonstrations of the manufacturers' technician information websites will be given. Attendees will have time to try them out. Scantools, hand-held or PC based, that interface with vehicle on-board diagnostic computers, electronics, and engine controllers will also be shown and available for use. Information on the On-Board Diagnostics II system, and Automatic Transmission disassemble / rebuild will be on display at different stations.

Automotive Technology is an Associate Degree program that is structured to prepare students to perform bumper-to-bumper diagnostics, repair, and preventive maintenance on automobiles and light trucks. This is the ASSET (Automotive Student Service Educational Training) program. Sponsoring Ford and Lincoln Mercury dealers provide paid on-the-job training, supported by an experienced technician, leading to full-time employment. Training alternates every eight weeks between in-dealership co-op and classroom instruction.

Upon graduation from the program, students will be prepared to:

- Use hand/power tools and equipment safely
- Use service manuals and other repair manuals
- Apply electrical & electronic skills in diagnosing malfunctions of components
- Service, troubleshoot, and repair brake, cooling, exhaust, steering, and suspension systems, and provide servicing, troubleshooting and repair of transmissions, transaxles, drivelines, rear axle assemblies, engines, and other components
- Demonstrate customer service and communication skills

Attendees will be able to visit each demonstration site. This will provide individuals sufficient time to see each demonstration, and an opportunity to visit some demonstrations more than once, if they choose to do so.

A Ford dealer is required to provide internship opportunities as a condition for a student's admission to the automotive program.



May 20 Meeting (family event) *AWIM* - A World in Motion & Discovery World – Milw Museum

June 3-6, SAE Mini-Baja 2004 S.A.E. Midwest Mini-Baja competition – Jefferson County Fair Grounds & Aztalan

Upcoming Events

MAP : MATC North Campus,
5555 W Highland Road,
Mequon, WI 53092

You can learn more at the college
website www.matc.edu

Hello Milwaukee Section!

This is Mark DeBattista, Section Event Chair. I need your assistance to check on the coverage of our present email newsletter distribution.

As you know, we have been providing an electronic version of the **SAE Milwaukee Section Newsletter** via email for the last few months. Attendance has consistently exceeded 100 people at each of the local SAE events since the electronic newsletter process began. I'd like to think that, at least in part, the ease of receiving and forwarding email has contributed to these higher attendance figures. Electronic newsletter distribution also saves a good portion of section money, funds that used to be spent on lithography and postage. This is good! However, I know that some members are still not getting the Milwaukee Section email newsletters that are being sent out.

I really want to do my best to get this fixed. I need **you** to communicate with me if you are being missed!

This hardcopy newsletter should convey that awareness and serve the purpose. It was already distributed via email on 03-April-2004 --- last Saturday, Please notify me if these two criteria fit your circumstance:

1) if you did not receive the email version of this hardcopy and, 2) you have a valid email address listed with SAE National, you are somehow being overlooked. Please accept my apology. My goal is to identify missed email addresses and implement corrections. Please contact me directly, provide your email, and identify this error. I need you to tell me that you are being missed. You can respond to me directly at mark.d@email.sae.org (preferred) or leave a message on the **new registration number (414) 465-6420**. I want to help, and I want everyone to be informed!

Regards,

Mark DeBattista

SAE Milwaukee Section Event Chair



Have a valid email address listed with SAE National?
Check it at: www.sae.org and click **Login / MySAE**

Milwaukee Section 2003-2004 Governing Board

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- Chairman's Note -

Our Section explored some new territories this month, with our meeting on "the US Competing in the Global Economy", and also with the Clean Snowmobile Challenge.

Last month, we heard from two dedicated speakers who addressed global outsourcing and dynamics of this new era. Jerry Skoff with SAMNow, shared his data and views of the current trade policies and practices, encouraged us to be aware of the direction the U.S. is heading, stay attentive, and get involved with politicians, with and through SAMNow. Phil Styrlund, in a creative and optimistic way, guided the audience to appreciate America's strengths of innovation in engineering, and potential for new growth by developing the greater values within us, and our businesses. We want to thank them both for challenging us.

Attending the Clean Snowmobile Challenge in Houghton, MI was fantastic! Congratulations to First Place Overall winner UW-Madison, with their "SnowCow HD" (Hybrid Drive), and to Michigan Tech. Univ., taking Second Place Overall. We also congratulate and thank the other 14 teams who participated. Each created a unique design for minimizing emissions and noise, while maintaining performance integrity. The goal of this technology is for production considerations, industry - wide.

Jay Meldrum, Director of the Keweenaw Research Center, did a very good job of organizing the event, along with the help of the supporting staff. We had a great visit with the new SAE President Duane Tiede, who will be joining us at Mini-Baja, in Milwaukee.

The banquet drew about 300 people. For our contribution to the Challenge, I was able to share a few words on Milwaukee Section's behalf, and present an award. We also met with Steve Daum (SAE's Mgr. of Collegiate Programs) and Robert Sechler (SAE's Mgr. of Ed. Relations Div.), along with many enthusiasts, and we even rode with a guy who is stationed in the Antarctica!

In the 2 half-days for us to ride, with new rental sleds, we put on over 260 miles, in awesome hills and forests, up to Copper Harbor, at the northern tip. For the details, and Challenge pictures, go to: <http://www.mtu.edu/snowmobile>. We're looking forward to next year!

* *Call for Papers:* The 2004 SAE Commercial Vehicle Engineering Congress & Exhibition Technical Program October 26-28, 2004 at Donald E. Stephens Convention Center in Rosemont Illinois (Chicago). Contact Ed Heck, at: 262-673-9450 x104, or: heck@hedonline.com.

* Don't forget to bring your SAE, and industry magazines for the students this month. Many students should be at the MATC event. Hope to see many members there too.

(continued)

- Chairman's Note -

(continued)

* Mini-Baja is taking shape, and in need of volunteers to assist with this rewarding, and fun event. Please contact Mike Freisleben at 262-513-4549, or mikef@huscointl.com.

* On behalf of the Section, congratulations to our Vice-Chair of Student Activities, John Lumkes, PhD. on his new position. Later in the year he will be transferring to Purdue University as an Assistant Professor of Agricultural and Biological Engineering. John generously shared his time, effort, and ideas with the Board and members, MSOE, and others in need. Thank you John! Congratulations, and we wish you all the best at Purdue!

Thank you,

Dale Wiza

S.A.E. ELECTIONS will be held at the MAY 20th meeting.

The SAE Milwaukee Section Governing Board consists of volunteer members who are willing to spend a few hours per month on section activities. The following is a slate of nominees for the 2004-2005 Milwaukee Section Governing Board's elected positions:

Chairman:	Dale Wiza
Vice-Chair:	Joe Sagat
Secretary:	Bernard Krauska
Treasurer:	Wayne Richter
Vice-Chair Membership:	Tim Fauser
Vice-Chair Student Activities:	John Lumkes
Vice-Chair Math & Science:	Dennis Webb
Delegate:	Glenn Bower
Alt. Delegate:	Dale Wiza

Five or more members in good standing of the Section who are entitled to vote may constitute themselves as a special nominating committee with the same power as the elected nominating committee. If a special nominating committee is formed, it should present its list of consenting candidates to Chairman Dale Wiza on or before April 30th, 2004. All section members, except student members, are eligible to vote on section matters, to hold section office, and serve on section committees. To be eligible to vote and/or hold a section office, a member's dues must be paid in full.

To assist in our new initiatives, our Board will also be forming sub-committees. We welcome your desire to help us serve. Please inform any Board member of your interest



DATASYST Engineering & Testing Services, Inc. (Delafield, WI) will be sponsoring the

April 29, 2004 SAE web cast focusing on ***Virtual Product Development***.

Participation will be limited. If you would like to attend the presentation, or have any questions, please contact Elizabeth Hoisington at DATASYST at 800-969-4050 or elizabeth.hoisington@datasysttest.com to

reserve your seat. Location is yet to be determined.

Please respond by April 12, 2004. A light lunch will be served at the conclusion of the event. Details of the webcast are available at <http://www.sae.org/events/training/elearning/telewebcasts/>.

We look forward seeing you at the event.

Meeting Sponsorship

We wish to thank the following organizations for their continued support of the Milwaukee Section:



Harley-Davidson Motor Co [Milwaukee]



Modine Manufacturing Co [Racine]

For more information on becoming a sponsor, please contact any Section Board member.

Keep current with us on these SAE web sites:

<http://milwaukee.sae.org> for the Milwaukee Section or

the national site at milw-sae@wi.rr.com

For more information on **A World In Motion** call: 724-772-8514, and ask for Darlene Geweth

email: awim@sae.org internet: www.sae.org/foundation/awim