

OCTOBER DINNER MEETING

Wednesday, October 22, 1997

Student and Senior Member Recognition Night

TOPIC: Engineering Education And SAE's Student Design Competitions

SPEAKER: Dr. David Holloway, 1997 SAE President

SAE has played a significant role in reshaping contemporary mechanical and related engineering education with its student design competitions, and, in the process, has produced better qualified engineers and has strengthened SAE itself. Begun in 1973 with twelve teams and an event called Mini Baja®, SAE now sponsors eight competitions involving over 200 universities and colleges and 3000 engineering students, and had co-sponsored several other competitions in cooperation with the U.S. Department of Energy. What were once considered extracurricular activities for students have now blossomed into mainstream programs. The required senior capstone design course at most schools now focuses on designing and building a winning project for one of SAE's or SAE/DOE events.

This presentation will look at the competitions, and describe the benefits to the students, the universities, the automotive industry, and the SAE.

COFFEE SPEAKER: Dan Wilson, Briggs & Stratton Motorsports

Mr. Wilson will be discussing the latest in Briggs & Stratton Motorsports competitions, including kart racing, NHRA Jr. drag racing, and mini stock cars.

MEETING AGENDA

SOCIAL HOUR: 5:30 pm Monreal's El Matador
9155 West Bluemound Road
414-476-1130

DINNER: 6:30 pm

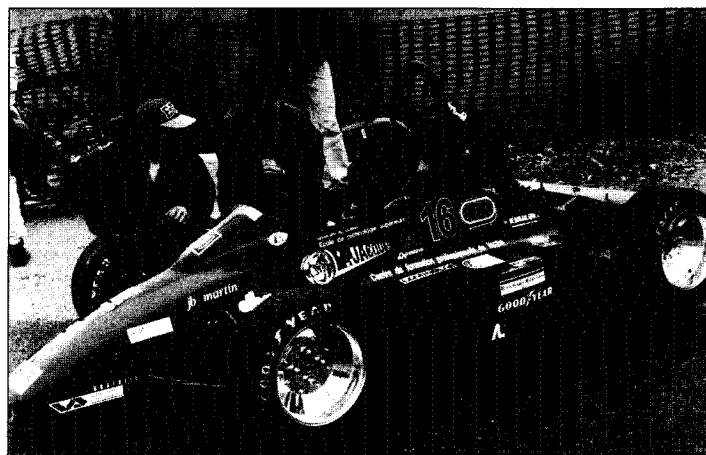
PRESENTATIONS: 7:30 pm

MENU: Beef tenderloin tips with noodles, green garden salad, and ice cream for dessert

Dinner Costs:

Members & Spouses:	\$14.00
Guests:	\$15.00
Students:	\$7.00

Advance reservations are required for dinner. Please make reservations no later than October 17, 1997, by calling Christine at 414-549-3325. Spouses and guests of members are welcome. **Please call to cancel at least 24 hours in advance if your plans change. "No-shows" with reservations will be billed.** Fifty year members are entitled to one free meal per year.



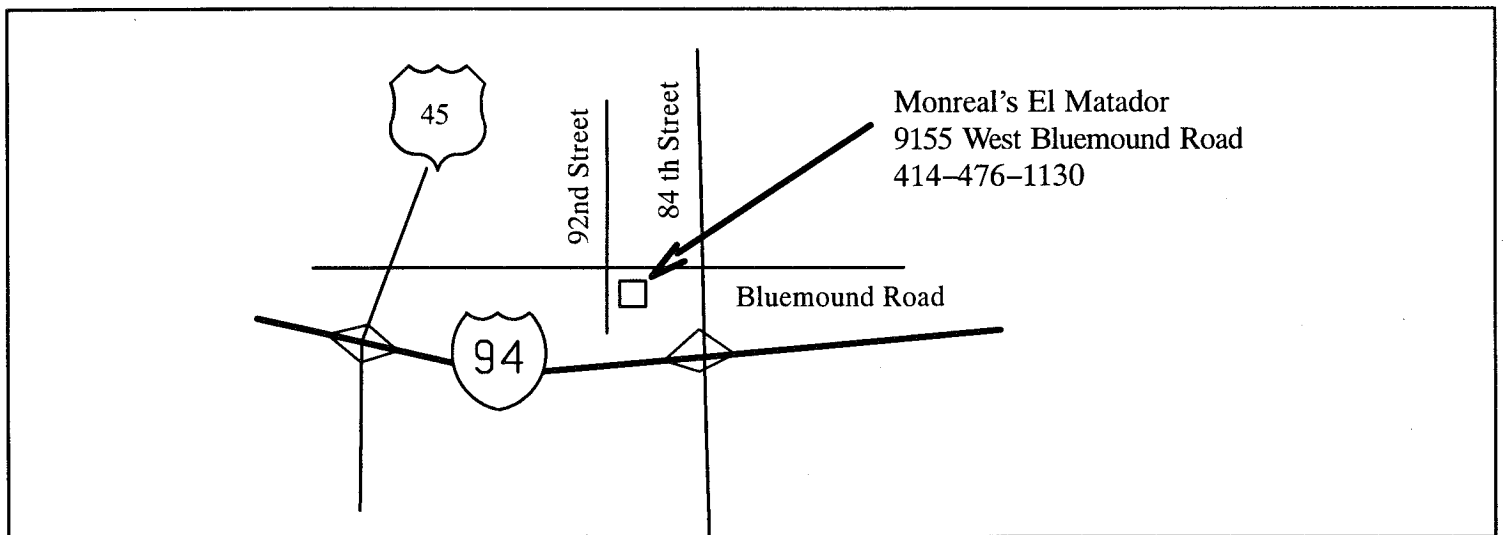
SPEAKER BIOGRAPHY



Dr. David Holloway, 1997 SAE President

Dr. Holloway received his undergraduate and graduate degree from the University of Illinois, Champaign – Urbana. Upon completion of his studies, Dr. Holloway joined the University of Maryland as an Assistant Professor

Meeting Location Map



FREE MEAL DEAL From Milwaukee the Section

When a guest attends a dinner meeting bearing a completed membership application and dues payment, both the guest and his/her sponsor will receive a certificate good for a free dinner that evening or any other meeting of their choice during the Section year. *NOTE – This offer is not effective for application for student membership.*

researching and teaching stress analysis. Dr. Holloway became a full Professor in the Mechanical Engineering Department in 1983. Currently Dr. Holloway has a graduate research programs with the National Renewable Energy Laboratory and Northrop–Grumman Corporation to study and develop advanced systems for hybrid–electric vehicles.

Dr. Holloway has been the faculty advisor of the SAE Student branch at the University of Maryland since 1978. The branch has grown to be approximately 100 students members. Under Dr. Holloway's guidance the student branch has won several Bendix awards for Outstanding Student Branch. The student branch has participated in SAE/Department of Energy (DOE) competitions and won first place awards which included recognition in the magazines *Popular Mechanics* and *Popular Science*.

Dr. Holloway's community activities are related to his professional background. He is a mentor for local high school students in the respected talented and gifted programs. Dr. Holloway participates with his students touring and demonstrating their student their branch vehicles for other schools and civic organizations.

On a personal level, David and his wife, Diane, share interests in gardening, traveling, and maintaining the home they built together in Maryland. David also has a passion for collecting cars. Among his prize cars are a 1964 Porsche 356C Cabriolet and 1969 Oldsmobile 442.

Milwaukee Section 1996-1997 Governing Board

CHAIRMAN: Jim Wilkinson
Pierce Manufacturing Inc.
2600 American Dr.
P.O. Box 2017 Appleton, WI 54913-2017
E-Mail: wilkinson@piercemfg.com
Work: (920)832-3163
Fax: (920)832-3092

VICE – CHAIRMAN: Bill Schultz
Harley-Davidson Motor Co. Inc.
11800 W. Capital Dr.
P.O. Box 25527 Wauwatosa, WI 53225-5527
E-Mail: dunkleed@aol.com
Work: (414)616-1286
Fax: (414)616-1338

SECRETARY: Richard Sievert
Robert Bosch Fluid Power Corp.
7505 Durand Ave. Racine, WI 53406
E-Mail: Baja1998@aol.com
Work: (414)554-7100
Fax: (414)544-7217

TREASURER: Jon Jeffords
Waukesha Engine Division
1000 W. St. Paul Ave. Waukesha, WI 53188
E-Mail: Jon_Jeffords@wed.dresser.com
Work: (414)549-2718
Fax: (414)549-2690

VICE CHAIR – MEMBERSHIP:
Rainer Schnabel
Brooks Stevens Design
1415 Donges Bay Rd. Mequon, WI 53092
E-Mail: rainer@brkstevens.com
Work: (414)241-3800
Fax: (414)241-3812

VICE CHAIR – MATH & SCIENCE AWIM
Kim Gleffe
Engineers & Scientists of Milw., Inc.
c/o Marquette College of Engineering
1515 W. Wisconsin Ave. Milwaukee, WI 53233
E-Mail: esm@www.eng.mu.edu
Work: (414)288-3483
Fax: (414)288-7082

VICE CHAIR – STUDENT ACTIVITIES
Alicia Muszynski
Case Corporation
24th & Mead Streets Racine, WI 53403
E-Mail: amuszynski@casecorp.com
Work: (414)636-0422
Fax: (414)636-5720

VICE CHAIR – GOLF OUTING
Bill Burke
Young Radiator Co.
2825 Four Mile Rd. Racine, WI 53404
E-Mail: none
Work: (414)639-1010
Fax: (414)639-1013

HISTORIAN: Norm Mollinger
7707 W. Cedar Ridge Ct.
Franklin, WI 53132
E-Mail: nrmoll@execpc.com
Home: (414)425-1244

VICE CHAIR-PLANT REP.
John Brackin
Simplicity Manufacturing, Inc.
500 N. Spring St.
P.O. Box 997 Port Washington, WI 53074-0997
E-Mail: jbpbk@execpc.com
Work: (414)284-8761
Fax: (414)284-8657

From Your Chairman:

This is our first issue of the Milwaukee Section – SAE Newsletter for the 1997/1998 section year. Hello and welcome to all our 1500 regular members and 650 student members! Thank you for your support of SAE and the Milwaukee Section. Your Section Governing Board is busy planning a full slate of events and services tailored to meet the membership's changing needs. The following goals have been established for the 1997/1998 section year:

- * Provide value added events and services
- * Develop and implement a section website to support local membership
- * Increase governing board involvement
- * Continued support for student chapters and AWIM
- * Exceed membership goals

We need your feedback! Our membership is impacted daily by technology changes, new regulations and standards, workforce issues and increased customer expectations. What roll should SAE and the Milwaukee Section play in addressing these issues? What can the section do to address reduced member participation and waning company support for local meetings, activities and programs? Please don't hesitate to contact me or any of our board members with your comments or questions concerning section activities and services. We also have a number of Governing Board positions open if you can afford a few hours of time and wish to participate at a higher level.

We are off to a great start with successful completion of the 1997 SAE International Off Highway & Powerplant Congress & Exposition held at Milwaukee's "Wisconsin Center". This years theme was "Electronics: Technology to Integrate and Optimize Machine Performance". The 3 day event drew over 4000 attendees and 230 exhibitors. Plans are already underway for next years event. Discovery World Museum is continuing to promote a very successful SAE "A World in Motion" program in our Milwaukee area schools. Volunteers are again needed to assist teachers with the classroom experiments. Please contact Kimberly Gleffe for more information on this very important and rewarding program.

At this month's dinner meeting we will be honored by a visit from our 1997 SAE President, Dr. David C. Holloway. Dr. Holloway will spend the day meeting with industry and academia representatives to facilitate discussion on ways to partner through SAE. Please join us for an evening of fun, recognition and good fellowship. Hope to see you there!

Jim Wilkinson
1997 / 1998 Chairman
Milwaukee Section SAE

MEMBERSHIP

If you have questions about change of address, or other membership issues, call 1-800 TEAM SAE (1-800-832-6723)



SAE Milwaukee Section



Vehicles On Display! Mini-Baja, Formula SAE, Briggs & Stratton Motorsports

Milwaukee Section **SAE**

Meeting Sponsorship

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

Filtration Systems, Inc.

Reinhart, Boerner, Van Deuren, Norris & Rieselbach, S.C.

Waukesha Engine Division of Dresser Industries, Inc.

For more information on becoming a sponsor, please contact: Jim Wilkinson (920) 832 – 3163