



October 1998

Milwaukee Section

Editor: Dan Ziemann

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OCTOBER DINNER MEETING

Thursday, October 15, 1998

TOPIC:

Surface Engineered Components for Formula 1 Auto and Motocross Racing Engines.

SPEAKER:

**Eric Gorr, General Manager,
Max Power Cylinders Inc.**

Mr. Gorr will present how surface engineered coatings are being used on the engine components of various motorsports, highlighting thermal barriers, resistance to wear and fretting, and nickel silicon carbide bore coating. The presentation will also include discussion of match honing cylinder bores with heat and torque distortion. A large array of sample parts plus demos of PC software for surface engineering and engine tuning will be on display.



MEETING AGENDA

SOCIAL HOUR: 5:00 pm Radisson Hotel Mayfair
2303 N. Mayfair Road, Wauwatosa
414-257-3400

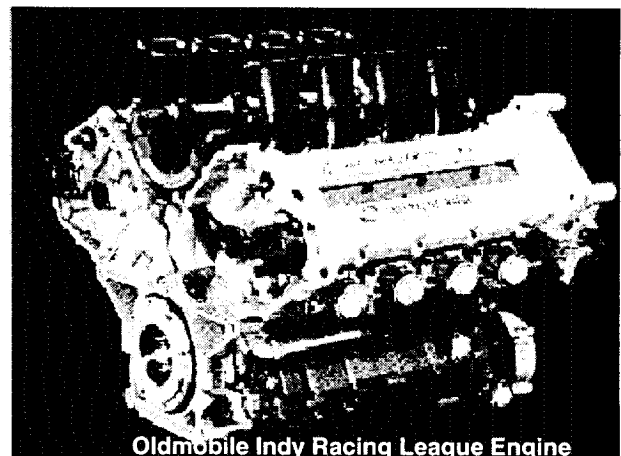
DINNER: 6:00 pm
PRESENTATION: 7:00 pm

MENU: Stuffed pork chops with oven browned potatoes
or Lemon baked orange roughy with rice.

Both include: soup, green beans, rolls and butter, coffee/tea/milk and dutch apple pie.

Dinner Costs:	Members & Spouses:	\$16.00
	Guests:	\$17.00
	Students:	\$8.00

Reservations required on or before October 13th. Contact Christine Jeffords at (414) 549-3325. Meal availability not guaranteed without advance registration. 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.



Oldmobile Indy Racing League Engine

SPEAKER BIOGRAPHY

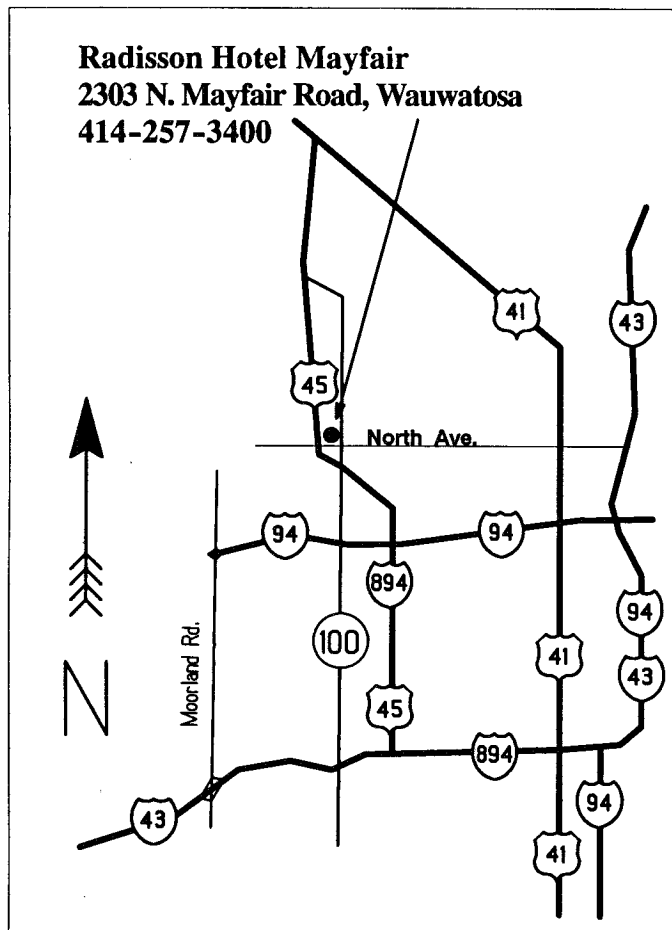
Eric Gorr, General Manager, Max Power Cylinders Inc.

Eric Gorr began his career in the motorcycle industry in 1971, working as an apprentice mechanic. Through the years he accumulated experience in the repair and tuning of small motorsports vehicles like motorcycles, snowmobiles, karts and watercraft.

Eric holds two U.S. Patents in two-stroke engine technology. For the past twenty years, Eric has specialized in cylinder tuning for two-stroke engine applications. In his current job as the general manager of Max Power Cylinders, Eric designs big-bore top end kits using SAE, TSR and Dynomation software.

Throughout the 80s and 90s, Eric wrote technical articles for mainstream magazines like *Dirt Rider*, *Motorcyclist* and *National Karting News*. Eric is the author of the book "*Motocross and Off-Road Performance Handbook*", and he provides a continual source of updates on his web site www.eric-gorr.com. During the early 90s Eric worked in Europe as a race mechanic and engine builder, following the World Motocross Championships. Eric's engines have won a multitude of Grand Prix and Nationals in the sports of motocross, dirt track and karting.

Meeting Location Map



Milwaukee Section 1998-1999 Governing Board

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From Your Chairman:

Greetings to all members of the Milwaukee SAE Section. I hope that your summer has been enjoyable and that you've all had time to rest and to develop new energy and enthusiasm for the personal and professional challenges facing us all during this 1998/1999 Section year.

This year's Governing Board has met twice thus far to discuss goals and objectives for the coming Section year. We have solicited the help and advice of Past Chairmen and have participated in a Governing Board workshop hosted by SAE National. As a result of these activities, the Board has established four key objectives for this Section year. First, as in the past, we feel we need to increase Board membership and participation for the short and long term vitality of the Section. In that regard we welcome Shawn Ray of GE Medical as Student Activities Chairman, Jay Dalal of Young Radiator as Assistant Golf Outing Chair and Andy Lectenberg as a Program Committee member. Members wishing to be on the Board should contact any Board member listed in this newsletter. Second, the Board plans to focus on planning the section year's programs as early as possible and identifying programs for the incoming Board (1999/2000). Third, with the help of National, we will be creating a section web site for improved and timely communication. Fourth, we will attempt to increase corporate awareness of the benefits SAE provides to its members and industry in the hope of gaining additional corporate support for our membership and programs.

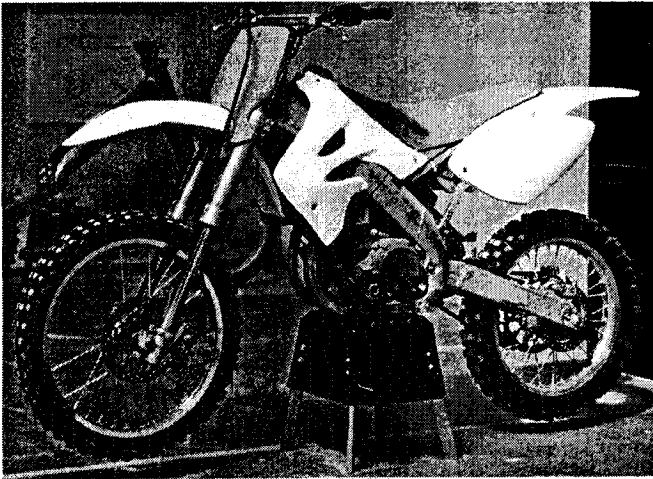
Additionally, the Board hopes to strengthen the plant representative network for improved two-way communication between members and the Board while remaining active in the support of student programs and increasing overall society membership.

The Board hopes that you find this month's program informative and entertaining. Please mark your calendars for the November 11 program that will be a joint meeting with the ASME and will feature student design competitions. At this time the December program is tentatively planned with the Case Corporation focusing on tractor development.

Bill Schultz,
1998 / 1999 Chairman
Milwaukee Section SAE



October **SAE** Dinner Meeting



**Surface Engineered
Components for F1
Auto and Motocross
Racing Engines.**

Meeting Sponsorship

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

Waukesha Engine Division of Dresser Industries, Inc.

For more information on becoming a sponsor, please contact: Bill Schultz (414)616-1286