



Milwaukee Section Newsletter

www.saemilwaukee.org

Society of Women Engineers Wisconsin and SAE Milwaukee Section

***Benefit for the STAR program at the Wisconsin
School for the Deaf***

Mr. John Gibbons on Biofuels Technology

Tuesday, January 22, 2008

Marquette University

Olin Engineering Building Room 202

Mr. Gibbons' presentation will include:

- **Introduction to the Biofuels Industry**
- **Market Potential**
- **Ethanol/Biodiesel Basics**
- **Environmental Impacts**
- **New Technologies**

Mr. Gibbons is the Biofuels Practice Leader for URS Corporation. He is also the Manager of Air Quality and Environmental Compliance for the Wisconsin Operations and has 16 years of engineering experience that includes a strong background in ethanol and biodiesel plant operations. Mr. Gibbons' experience includes work in both industry and consulting. He spent 4 years with an agri-business company, Bunge North America, Inc., as a Corporate Engineer with responsibility for over 120 facilities. The previous 12 years were spent with various engineering consulting firms.

--- EVENT AGENDA ---

Registration: 6:00pm
Dinner: 6:30pm
Program: 6:45 - 8:30pm

--- DINNER ---

MENU: Einstein's Bagel Sandwiches

DINNER PRICES:

SAE/SWE Members / spouses: \$10.00
Retirees: \$10.00
Guests / Non-members: \$15.00
Students w/ID \$5.00

Registration:

Only pre-payments made with a **charge card** can be completed online via <http://milwaukee.sae.org>

Retirees, students and members without web access may register by phone on the SAE Registration Coordinator – Jim Ryan (262) 636-1634. Note new registration number! SWE members registering online should register as a guest and choose to pay at the door on the day of the event.

Registration deadline: Friday, January 18, 4pm

Speaker Biography: Mr. John Gibbons

Areas of Expertise

Ethanol/Biodiesel Plant Design/ Bid-Build
Soybean Extraction Plants
Program Management
NSR Permitting
Emission Inventories
Air Pollution Control
SPCC Plans
SWPPP Plans
Stormwater Permitting
Industrial Wastewater Permitting

Education

M.S./Environmental Engineering/
1993/Purdue University
B.S./Meteorology/
1991/Purdue University

Registration/Certification

Registered Professional Engineer in Indiana

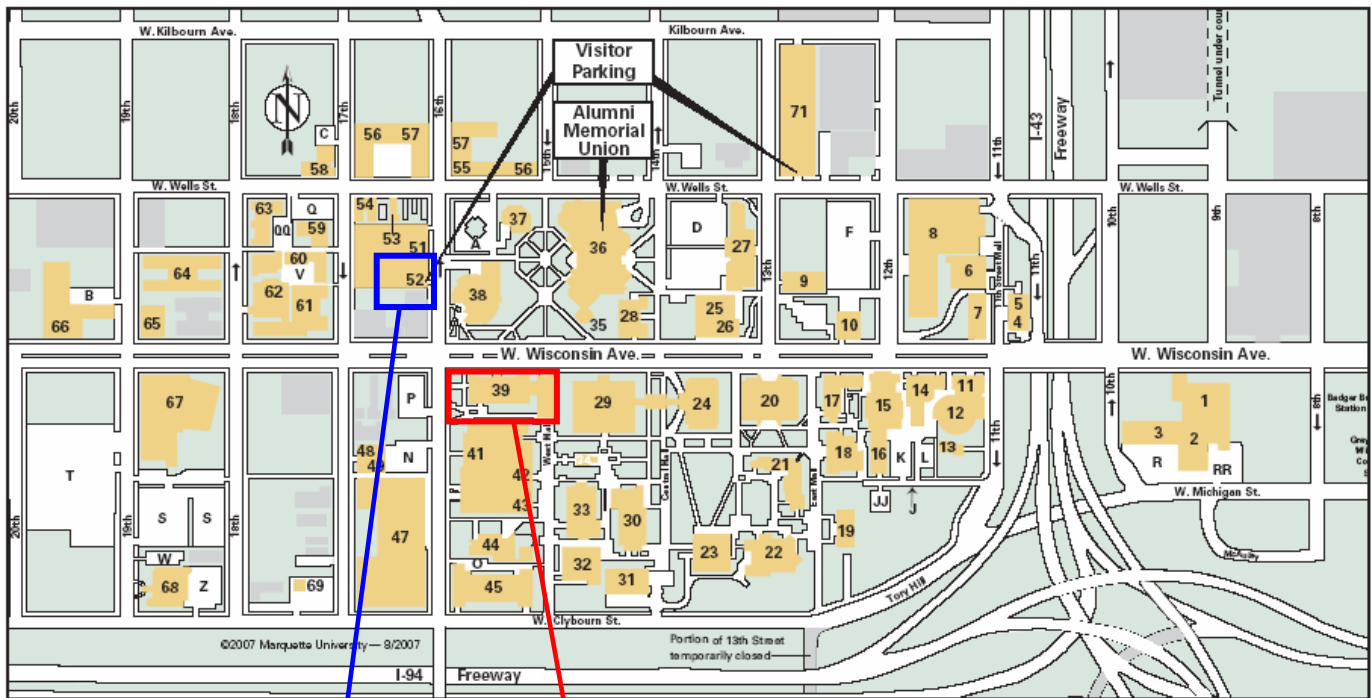
Directions to Marquette University:

**From I-94, exit 26th Street,
go north to Wisconsin Avenue,
Turn Right or East to 16th Street,
Turn Left, parking garage is located on 16th Street, just north of Wisconsin Avenue
The Olin Engineering Building is on the S.E. Corner of Wisconsin Avenue and 16th St.**

Map to Marquette University:

<http://www.marquette.edu/contact/CampusMap.pdf>

Marquette University **Campus Map**



Parking

Olin Engineering
Building

Milwaukee Section 2007-2008 Governing Board

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Dear Members and Section Friends,

As part of our mission to encourage life long learning and technical education, we are proud to partner with the Society of Women Engineers – Wisconsin (SWE) for this month's meeting. The Milwaukee Section and SWE are co-sponsoring this event for the benefit of the Wisconsin School for the Deaf – STAR Program. The food and beverages are sponsored by SWE and SAE Milwaukee.

All of the proceeds from this event will help sponsor a group of students from the Wisconsin School for the Deaf to attend a week long Space Camp in Alabama. The students are 4th through 7th graders who are part of a larger grant project known as Yerkes Astrophysics Academy for Young Scientists, which was granted by the National Science Foundation and is administered through the University of Chicago/Yerkes Observatory.

A special thank you to Gina Janke from Modine Manufacturing and SWE, for all of her efforts and consideration to include SAE in this event.

Jay Meldrum, Director - MTU/KRC, and Brian Hannon, Director of Development, will be making a brief introduction and invitation to the Clean Snowmobile Challenge Competition March 10-16th in Houghton, Michigan. Jay and Brian will try to describe this special event in a very beautiful part of the country.

This competition has a different character to it than other competitions. The format is more welcoming between teams and spectators that you may find in other motor sports. There are technologies which highlight chassis, power train and fuel methodologies. This past year, there were multi-catalyst, fuel injected, E85 ethanol, electric, hybrid gas electric and hybrid diesel electric (using a DBS Briggs and Stratton Diesel!) amongst the competitive field. All of the teams openly shared what they were doing and appreciate our membership volunteers and spectators.

In addition, the Milwaukee Section sponsors the Friday night dinner and technical presentation following CSC events. We are also working on a special experience for all volunteers and SAE members attending CSC. We are working on the details and hope to announce them at the January meeting.

Regards,

Bernard Krauska
Chairman – Milwaukee Section.
saemilwaukee@gmail.com

Meeting Sponsorship



www.evschevrolet.com



Society of Women Engineers - Wisconsin

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

Keep current with us on these SAE web sites:

www.saemilwaukee.org for the Milwaukee Section or
the national site at www.sae.org

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

Upcoming Events: (watch the web site and newsletters for latest details)

January 22	SWE – SAE Joint Meeting – Bio Fuels
February 27 th	Mototron at UW-Madison
March 14 th	Milwaukee Section at Clean Snowmobile Challenge
March 26 th or 27	Student Chapter Night in Milwaukee (TBD)
April 24 th	Cummins Filtration, Stoughton WI
May	Cirrus Designs
June	SAE Milwaukee at the June Sprints – Road America
July	SAE National Meeting at EAA – Oshkosh, WI



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