



Milwaukee Section News

March 2006

VOLUME 2006, ISSUE 18

www.saemilwaukee.org

"Rockets, Racers, Records and Rehabilitation Engineering"

with Richard Keller at Bruno Independent Living Aids

Thursday, March 16th – Oconomowoc, WI



2006 Clean Snowmobile Challenge

March 13 - 18th, Last call for volunteers !

"Beat the Standards" is this year's CSC theme.

HERAEUS is the newest corporate sponsor.

(see page 4, 5 for more details)



Midwest Mini Baja® May 24-27, Walworth County Fair Grounds & MGA Research Corporation, Burlington.

Volunteer, Sponsor, Recruit and Enjoy! Attention Company Representatives!

(see page 5, 6 for more details)

PROGRAM TOPIC:

“Rockets, Racers, Records and Rehabilitation Engineering”

- ♦ *Richard Keller will present his experiences pursuing speed records and developing market leading products*
- ♦ *Tour the manufacturing facility to learn more about “Small Company Lean” at Bruno*
- ♦ *Learn about how Bruno Independent Living Aids has influenced Adaptive products and government regulations.*
- ♦ *Connect with other members of the Milwaukee section*

Meeting Location:
Bruno Independent Living Aids
1780 Executive Drive
Oconomowoc, WI 53066



- - - EVENT AGENDA - - -

Registration:	4:30 p.m.
Tour:	4:30 p.m.
Demonstrations:	5:00 p.m.
Dinner:	6:00 p.m.
Program:	6:45 - 8:00p.m.

- - - DINNER - - -

MENU:

Odourves and Buffet

DINNER PRICES:

SAE Members / spouses:	\$20.00
Retirees:	\$15.00
Guests / Non-members:	\$25.00
Students w/ID	\$10.00

Registration:

Dinner reservations must be received the week before the event. Only pre-payments made with a **charge card** can be completed online via <http://milwaukee.sae.org>.

Pay-at-the-door registrations are available via email at: registration@saemilwaukee.org or by phone on the SAE Registration Line (**414-687-3032**). Please be thorough. “No-shows” with reservations will be billed.

Registration deadline: 10pm – March 13, 2006

Richard (Dick) Keller is the Director of New Business Development/Product Development Manager at Bruno Independent Living Aids. Dick is a seasoned engineering executive that has led many efforts in implementing ISO, establishing an intellectual property strategy, capitalizing upon industrial design, strategic market development and innovative product development.

Dick has a great story to tell about influences in his life which attracted him to rockets, drag racers and the pursuit of land speed records. He is a chemistry major by education, but has been developing vehicles and drive components all of his life. At one point, all of his vehicle designs held all FIA recognized world land speed records from ¼ mile through 1 mile.

Dick is chairman of the SAE sub-committee to develop standards for automotive wheelchair hoist and securement. During his free time, he is a US Cycling Federation Category 2 Official. He is also an accomplished cyclist.

Bruno Independent Living Aids is the market leader in adaptive vehicle seating, mobility lifts, stair lifts and engineering governance for engineering standards. Bruno has been honored as the Small Business of the Year, Manufacturer of the Year, Governor's New Product Award by the Society of Professional Engineers, DaVinci Award, and numerous other accolades by NBC's "Today Show", "Dr. Phil" and "Extreme Home Makeover".

Professional Activities

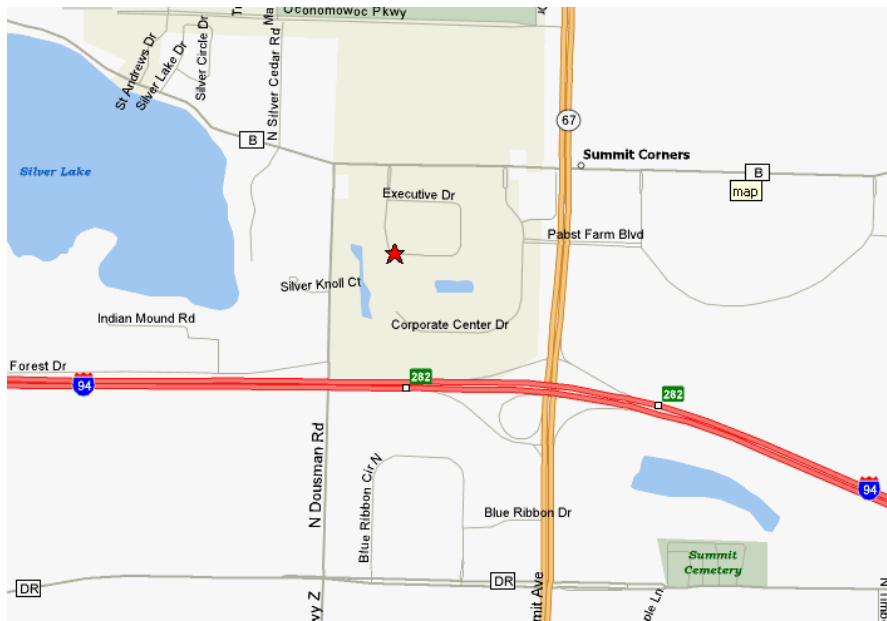
- Member, ANSI/RESNA TAG to develop wheel chair standards

Education

- University of Notre Dame, South Bend, IN (BS Chemistry)
- Illinois Institute of Technology, Chicago, IL (BS Gas Technology)

Map to Bruno Independent Living Aids and Directions:

[Map :](#)



From I-94, exit Hy 67. Travel north to County B (0.5 miles)

Turn Left at County Road B.

Continue to Executive Drive (0.4 miles)

Bruno will be on your right, as the road begins to curve. Follow the signs for parking.

2006 S.A.E. Clean Snowmobile Challenge

March 13 - 18th - Houghton, MI



There has not been much snow in Milwaukee this winter, but you can count on plenty of snow in Houghton, MI for the 2006 SAE Clean Snowmobile Challenge. Come on along, join your fellow section members and participate in the fun!

Location:

Keewenaw Research Center
1400 Townsend Drive
Houghton, MI 49931-1295

University Host:

Michigan Technological University
Houghton, MI

Event Organizer:

Jay Meldrum
Director
Keewenaw Research Center
906-487-3178
Jmeldrum@mtu.edu

Section Organizer:

Patrick Schoepel (**contact for more details**)
262-636-1678
p.j.schoepel@na.modine.com

Event Dates:

03/13/2005 to 03/18/2005 – 2006 CSC Competition

03/17 Fri. SAE Milwaukee Section Meeting
Lotus Engineering Presentation
Pizza & Soft Drinks

03/18 Sat. Section volunteering for Acceleration & Handling
Awards Banquet

For Additional Info:

<http://www.saemilwaukee.org/>

Milwaukee Section 2005-2006 Section News Governing Board

CHAIRMAN:

Joe Sagat
Modine Manufacturing Company
email: j.g.sagat@n.a.modine.com
Work: (262) 636-1362

VICE CHAIR:

Bernard Krauska
DRS Technologies
email: krauska@execpc.com
Work: (262) 968-3313

SECRETARY/WEBMASTER:

Louise Goto
email: louise.goto@gmail.com

TREASURER:

Wayne Richter
Heraeus GmbH – Exhaust Catalysts
email: richterway@sbcglobal.net
Work: (262) 770-0252

VICE CHAIR MEMBERSHIP: COMPANY REPRESENTATIVE:

Tim Fauser
Comtel Midwest Co.
email: tfouser@comtel.com
Work: (800) 335-2505 x354

VICE CHAIR MATH/SCIENCE:

Liz Sutton
Discovery World.
email: liz@discoveryworld.org
Work: (414) 765-9966 x246

VICE CHAIR STUDENT ACTIVITIES:

Chris Damm
Milwaukee School of Engineering
email: damm@msoe.edu
Work: (414) 277-7543

VICE CHAIR PROGRAMS:

Mark DeBattista
Harley-Davidson Motor Co
email: mark.d@email.sae.org

HISTORIAN:

Terry Fruehling
Harley-Davidson Motor Co
email: terry.fruehling@harley-davidson.com

SECTION DELEGATE:

Glenn Bower
UW-Madison
Work: (608) 263-7252

PAST CHAIRMAN:

Alt SECTION DELEGATE:

Dale Wiza
Professional Engineering Placements, Inc.
email: dale@engineeringplacements.com
Work: (414) 427-8080

"HERAEUS donates for Clean Snowmobile Challenge"

- W.C. Heraeus GmbH of Hanau, Germany has made a "Contributor level" donation to the Clean Snowmobile Challenge to be held March 13-18 in Houghton, Michigan. W. C. Heraeus, is a producer of engine exhaust catalysts, serving the small engine and recreational vehicle industry's needs for environmental catalysts. Wayne G. Richter is Manager, Market Development for Heraeus, located in the Milwaukee area. Wayne is also the treasurer of the SAE Milwaukee Section. Karl Lee Nilson provides catalyst engineering development for Heraeus. Karl and Wayne are both 10 year+ members of the Milwaukee SAE Section.

Houghton Invitation: "Beat the Standards" is the theme for the seventh annual *SAE Clean Snowmobile Challenge*. Sixteen teams from across North America and their reengineered snowmobiles will compete head-to-head in efforts to build greener machines and beat the 2012 federal emissions standards. A special presentation will be made by Lotus. As of January 21, 2006, the snowfall in Houghton was at 133" for the year, and 22" on the ground. There will be plenty of snow to make this an exciting event once again. Hope to see you there!

Attention Company Representatives: The SAE Mini Baja Event is fast approaching and we need your help! As many as 100 volunteers are needed to help run this event. SAE Milwaukee Section would like to challenge you to recruit. The company which produces the highest # of man-hour volunteers for this event will receive a plaque signifying your company's contribution. In addition, all volunteers will receive a FREE Mini-Baja T-shirt. Please notify Glen Bower ASAP if you are able to assist! For additional information about the Mini Baja Event, please visit: <http://www.baja.wisc.edu>.

New Board Nominee: Pat Schoepel has accepted nomination for treasurer for the Milwaukee Section. Our thanks go to Wayne Richter for his years of service and we welcome his continued governance on the board.

“ www.saemilwaukee.org “

Louise Goto has created a beautiful new graphic for the SAE Milwaukee Section and a complementing web site. We are always looking for content and links to your engineering interests! Send us links to your engine, automobile, motorcycle, racing, boating or aviation clubs that may benefit from a relationship with the 1800 Milwaukee Section members. Catch up on the latest section news!



2006 MINI BAJA



Mini Baja® consists of three regional competitions that simulate real-world engineering design projects and their related challenges. Engineering students are tasked to design and build an off-road vehicle that will survive the severe punishment of rough terrain.

The object of the competition is to provide SAE student members with a challenging project that involves the planning and manufacturing tasks found when introducing a new product to the consumer industrial market. Teams compete against one another to have their design accepted for manufacture by a fictitious firm. Students must function as a team to not only design, build, test, promote, and race a vehicle within the limits of the rules, but also to generate financial support for their project and manage their educational priorities.

Contact your human resources department or public relations department about making a presence at the Mini-Baja this year. Many companies from around North America find the Mini-Baja event to be their best recruiting venue. Where else can you find a group of motivated team players that know how to complete a project with limited resources? Not only will you find this an excellent recruiting venue, but you will find reward working with some of the best engineering talent from around the world.

SAE Midwest Baja 2006 is hosted by SAE Milwaukee Section. The competition will occur at two sites this year. We will be utilizing the MGA Research Corporations facility and the Walworth County Fairgrounds. We're much excited about the change in venue as the Baja Committee feels we will now be able to do more for our event and the participants at these locations. Please visit www.baja.wisc.edu for more information and contact Joe at 262-636-1362.

April 19 Meeting	SAE Student Night – UWM Milwaukee Campus
May 27 Family Night Meeting	2006 Mini-Baja – Jefferson County Fairgrounds

***Upcoming
Events***

Meeting Sponsorship

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



Bruno Independent Living Aids [Oconomowoc]



Michael Best & Friedrich, LLP [Milwaukee]



Poclain Hydraulics, Inc [Sturtevant]



Harley-Davidson Motor Co [Milwaukee]

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



For more information on AWIM, call: 724-772-8514, and ask for Darlene Geweth
email: awim@sae.org internet: www.sae.org/foundation/awim

