

Mid-Michigan Section of SAE, Dinner and Program

Thursday, March 26, 2009

6:00 PM Social Hour, 6:45 PM Dinner, 7:45 Program

Baker College

Engineering Building – Room S128

Bristol Rd, Flint, MI

Students: \$18, Retirees: \$20 Members: \$25, Guests: \$30

The Mid-Michigan Section
of



midmichigansae.org

Chevrolet Volt



The 2011 Chevrolet Volt is an extended-range electric vehicle (E-REV) that slated for production in late 2010. The Volt is powered by GM's Voltec electric vehicle propulsion system.

The Chevrolet Volt represents a significant departure from conventional hybrids. In an E-REV, the wheels are turned by an electric drive unit, whereas in conventional

hybrids the wheels are turned by an electric motor, a gasoline engine, or both. For short trips, E-REVs will run on battery power alone. With fully charged batteries, the vehicle is powered exclusively from its onboard lithium-ion battery, for up to 40 miles (64 km), a distance capable of satisfying the daily commute of nearly 80% of Americans. For longer trips, the Volt's on-board range-extending engine is used to drive an electric generator when the battery's energy has been depleted. The range extender, which can be powered by gas/E85 Ethanol, is able to generate additional electricity to power the car for several hundred miles.



Speaker: Martin Krueger

Program Manager,
Global Electric Vehicle
Development Team
Chevrolet Volt, GM



Krueger joined General Motors in 1983 as an Engineer working on research and development in the field of automotive emissions and exhaust catalysis. He has co-authored a number of internal and external papers on this subject as well as receiving patents for his work. Martin was the Planning Manager for the GM Truck Group. From 1992-2004, he held a variety of Product Planning and Program Management positions including working on products such as the Chevrolet Astro and GMC Safari vans, Hummer H2, GMC Envoy and Chevrolet TrailBlazer among others. He has spent his entire 25-year career at GM.

Reservations required by

Noon Mon, Mar. 23

Bernard Santavy

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Menu:

1. Dinner Buffet

1050 W. Bristol Rd, fl

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