

Mid-Michigan SAE, AFS, ASM Dinner and Program

Thursday, October 10th, 2013

6:00 PM Social Hour, 7:00 Dinner, 8:00 Program

Zehnder's of Frankenmuth

Frankenmuth, Michigan

Students \$20; Retirees/Spouse \$25; Members/Spouse \$30; non-members, \$35

The Mid-Michigan Section of



<http://www.midmichigansae.org>

Speaker: Jason Coryell

Materials Engineer for General Motors Company in the Materials & Corrosion Engineering Dept. in Warren MI

. Jason is currently responsible for global technology development and metallurgical engineering support for the GM advanced body group. Jason has also spent time in GM's global R&D group, focusing on 3rd generation Advanced High Strength Steel (AHSS) research and also in GM's manufacturing engineering group as a steel specialist. As Past-Chair of the North American Sheet Metal Specialist team, Jason continues to serve on the Advanced Materials Applications Task Force and Press Hardening Steel Task Force at GM.

Jason has been an active member of ASM since 1997 and has been recognized by the ASM-Detroit chapter by receiving the Young Member-of-the-Year award in 2002 and Chapter Service award in 2009.

Jason received his BSE in Materials Engineering from the University of Michigan-Ann Arbor in 2002 and an MS degree in Metallurgical Engineering from the Colorado School of Mines in 2004.



Jason is also an active member of SAE, serving as a World Congress Session Chairman since 2007.

The title of Jason's talk will be "Body Material Concepts to Meet Increasing Demands for Vehicle Fuel Economy and Crashworthiness". He will walk the audience through the history of automotive body structure design and how it has evolved through the years, including some of GM's latest implemented material technologies to produce efficient, lightweight vehicles. He will also provide the audience a glimpse at a few of the material strategies that will be considered to meet the CAFE requirement of 54.5 MPG in 2025. This will include work on the 2014 Chevrolet Silverado body and cabs to use high strength steel for lighter weight and still meeting crashworthiness standards.

Menu: Zehnder's Family Style Fried Chicken with Livers

Reservations required by **Noon Monday Oct. 7th, 2013**

Purchase Tickets online <http://www.midmichigansae.org>

Contact: Bernard Santavy at: SAEMidMichSec@cs.com or (810)-635-7948

**Next dinner meeting: Monday Nov18th; Douglas Feehan, "Corvette Racing" with book signing
At the Holiday Inn, Flint, Michigan**

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“High Strength Steel Helps Create Tough New 2014 Silverado”

Speaker: Jason Coryell



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