



Connecting Rod

August 2009



Oregon SAE Newsletter

Volume 14 Issue 4

Governing Board Meeting

No governing board meeting this month. Please email the board for any pressing issues.

Friday Lunch Meeting

What: Alternate Fuel projects at DTNA – Ryan Jefferis, Lead Technical Engineer will discuss the past, present, & future of Natural Gas in the Heavy duty truck segment.

Where: Daimler Corporate Conference Center, Willamette East room
4555 N. Channel Ave, Portland OR. [map](#)

Date: September 18, 2009; 11:30-1:00 pm.

Cost: \$8 SAE Members, \$10 non-members, \$5 students.

RSVP: Ryan.Jefferis@daimler.com or 503.745.6361 by Wednesday, Sep 16th.
Please indicate in your RSVP if you prefer vegetarian lunch.

Tech Meeting – September

What: Hydrogen Powered Vehicle Demonstration by American Hydrogen Association NW.

Where: Daimler Trucks North America – Corporate Conference Center Parking Lot. [map](#)

When: Thursday, September 24, 2009 – 6:30 pm.

Cost: \$3 for SAE members, \$5 for non-members, Free for students.

RSVP: Rebecca.Bauman@Daimler.com by Monday, September 21st.

News/Announcements

Tech Meeting - October

What: Oregon Iron Works – United Streetcar Presentation.

Where: Daimler Trucks North America – Corporate Conference Center.

When: Wednesday, October 7, 2009 – 6:00 pm.

Cost: \$3 for SAE members, \$5 for non-members, Free for students.

RSVP: Rebecca.Bauman@Daimler.com by Monday, October 5th. **More info to follow.**

Section Officers, 2009-2010

Chair	Katie Knudson	(503) 745-2004	Katie-jo.Knudson@daimler.com
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Natural Gas Development at Daimler Trucks North America

What: Ryan Jefferis, Lead Technical Engineer for Alternate Fuel projects at DTNA will discuss the past, present, & future of Natural Gas in the Heavy duty truck segment.

Where: Daimler Corporate Conference Center, Willamette East room
4555 N. Channel Ave, Portland OR [map](#)

Date: September 18, 2009; 11:30-1:00 pm

Lunch: Sandwiches, chips, soda, & cookie; vegetarian option available upon request

Cost: \$8 SAE Members, \$9 non-members, \$5 students

RSVP: Due September 16th to Ryan Jefferis @ ryan.jefferis@daimler.com or 503.745.6361. Please indicate in your RSVP if you prefer vegetarian lunch.



Alternative Fuel Vehicle Demonstration – Hydrogen Power

When: Thursday September 24, 2009, 6:30 - 8:30 pm

Where: Daimler Trucks NA (Freightliner) Parking Lot
4555 N. Channel Ave, Portland OR. [map](#)

RSVP: Rebecca.Bauman@Daimler.com by Monday, September 21st.

Cost: \$3 for SAE members, \$5 for non-members, Free for students.
Light snacks and refreshments will be provided.

Summary:

Abe Fouhy will be going over the production, application, safety and storage of hydrogen with a focus on safety and application of fuel cells and internal combustion engine for transportation.

Speaker Bio:

Abe Fouhy has been interested in renewable resources since high school. When he was 16, he wanted to build a car that ran on water. In just over 12 years, he already has a long list of accomplishment on his resume: He and his team converted three cars to run on hydrogen; built a fuel injection system from scratch; built fuel cells and hydrogen production devices; developed classes on alternative fuels & fuel cells; and is serving as the president of the Northwest Chapter of the American Hydrogen Association. Another big project he's working on: converting his 1905 farm house in Newberg to a hydrogen home. This will consist of a 10kW solar array to produce electricity to separate water into hydrogen and oxygen. The hydrogen will be stored and used in the home to replace/supplement the natural gas, run his car an average of 100 miles a day and provide fuel for testing of hydrogen apparatus.