



Connecting Rod

March 2009

Oregon SAE Newsletter

Volume 13 Issue 9



Governing Board Meeting

When: March 17th; 4:30pm

Where: Room 1J; Freightliner Corporate Building, [4747 N Channel Ave, Portland OR](#)

Meeting minutes and agenda are located at <http://www.oregonsae.org/GovBoard.html>

Friday Lunch Meeting

What: Sustainable Energy - Wind Power

When: Friday March 20th, 2009 Noon to 1pm

Where: Daimler Trucks North America (Freightliner) Corporate Conference Center
4555 N. Channel Ave, Portland OR. [map](#)

Cost: \$8 members / \$10 non-members / \$4 for students

RSVP: Blake Kashiwagi (Blake.Kashiwagi@Daimler.com) by March 19th

Evening Tech Meeting

What: Technologies in Automotive Electrical Harnesses

When: Wednesday March 25, 2009, 6:00pm - 8:30 pm

Where: Daimler Trucks North America (Freightliner) Corporate Conference Center
4555 N. Channel Ave, Portland OR. [map](#)

Contact: Rebecca Bauman at: Rebecca.Bauman@Daimler.com

News/Announcements

SAE has scholarships available for college students interested in pursuing careers in the transportation industry. See page 4 for more details.

Oregon SAE is once again hosting the Baja SAE Collegiate Design Competition and Endurance Event on May 8-10, 2009. We need volunteers to help make this year's competition a success. See page 3 for more information. Contact Ryan Dillon, Volunteer Coordinator at Ryan.Dillon@ConMet.com if you can volunteer for a couple hours or all three days.

Want to see when local SAE Events are happening but don't have the Connecting Rod handy? You can now check them out on our on-line calendar events at:

<http://www.oregonsae.org/calendar.html>

Section Officers, 2008-09

Chairman	Vijay Gopalswamy	(503) 745-8749	vijay.gopalswamy@daimler.com
Vice Chair	Katie Knudson	(503) 745-2004	katie-jo.knudson@daimler.com
Treasurer	Katie Knudson	(503) 745-2004	katie-jo.knudson@daimler.com
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Lunch Meeting Coordinator	Blake Kashiwagi	(503) 745-8986	blake.kashiwagi@daimler.com
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VC Motorsports	Jason Randall	(none)	jason.randall@daimler.com
VC Membership / Company Rep	George Gvakharia	(503) 745-5975	george.gvakharia@daimler.com
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Sustainable Energy - Wind Power Vestas Wind Technologies

What: Sustainable Energy - Wind Power

When: March 20th, 2009 Noon to 1pm

Where: Daimler Trucks North America (Freightliner) Corporate Conference Center
Willamette East

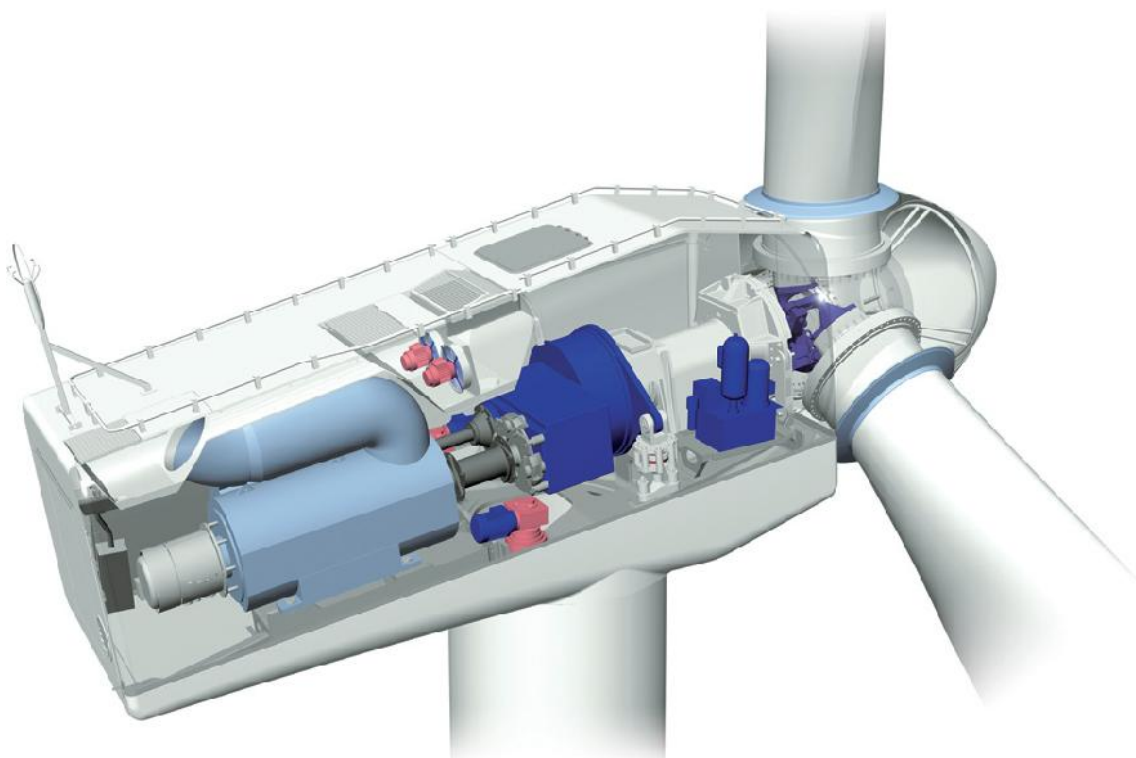
4555 N. Channel Ave, Portland OR. [map](#)

Cost: \$8 members / \$10 non-members / \$4 for students

RSVP: Blake Kashiwagi (Blake.Kashiwagi@Daimler.com) by March 19th

Vestas installed its first wind turbine in 1979. Since then, they have become one of the leaders in the wind energy market. The company has installed more than 33,500 wind turbines in 62 countries and on five continents. Vestas installs an average of one wind turbine every five hours, twenty-four hours a day. Their wind turbines generate more than 50 million MWh of energy per year, or enough electricity to supply millions of households.

Steven Saylor, Chief Electrical Engineer of Vestas-American Wind Technology, will be speaking to us about the future of wind energy.



The Anatomy of a Vestas Wind Turbine

(Courtesy of Vestas Wind Systems A/S)

Technologies in Automotive Electrical Harnesses Methode Electronics, Inc

What: Technologies in Automotive Electrical Harnesses
When: Wednesday March 25, 2009, 6:00pm - 8:30 pm
Where: Daimler Trucks North America (Freightliner) Corporate Conference Center
4555 N. Channel Ave, Portland OR. [map](#)
Contact: Rebecca Bauman at: Rebecca.Bauman@Daimler.com

Join us in a discussion on electrical methodologies in automotive applications!

Topics:

- Automotive Power Cable and Interconnect Methods
- Non-Contact Torque-Sensing Solutions
- Fuel Injection Control Modules
- Automotive Switching Technology

Cost: \$1 for Members, \$2 for Non-Members

Light refreshments will be provided



SAE Scholarships Available

Perfect for college students interested in automotive engineering

SAE has funds available for college students!

Apply by April 1, 2009 for the SAE scholarships and loans listed below.

[Yanmar/SAE Scholarship](#) - This scholarship awards a \$2,000 scholarship to a student who is pursuing a course of study or research related to the conservation of energy in transportation, agriculture and construction, and power generation, with emphasis placed on research or study related to the internal combustion engine. Applicants must be citizens of North America. Established by Yanmar Diesel America Corporation.

[SAE Long Term Member Sponsored Scholarship](#) - Several \$1,000 nonrenewable scholarships are awarded annually to SAE student members who actively support SAE, the collegiate chapter or the local SAE Section and its programs. Student grade point average is not a determining factor within the scope of this scholarship. This scholarship is supported through generous contributions from long-time members of SAE.

[William G. Belfry SAE Memorial Grant](#) - Two \$1,000 grants are awarded annually. Eligible applicants will be citizens of Canada and will be juniors entering their senior year of full-time undergraduate engineering studies at a Canadian university. Sponsored by the SAE Foundation Canada and the SAE Central Ontario Section.

[Siegel Service Technology Scholarships](#) - Six \$1,000 scholarships are available for second-year students enrolled at Montana Colleges who are pursuing careers in the mobility community and that demonstrate academic achievement and community spirit. A list of applicable colleges is available on-line. Contact the college guidance office for applications. Established by Arne Siegel, SAE Fellow and Montana Ambassador.

[SAE/David Hermance Hybrid Technologies Scholarship](#) - This scholarship awards a \$2,500 nonrenewable scholarship to a U.S. citizen enrolled full-time as a sophomore in a U.S. university. Applicants must plan to pursue an engineering career in the field of Advanced Technology Vehicles which include hybrids, fuel cells, alternative fueled vehicles, advanced powertrains, etc. Scholarship made possible through the generous support of Toyota.

[Doctoral Scholars Forgivable Loan](#) - A number of \$5,000/year forgivable loans are available for PhD students in North America who plan to teach engineering at the university level upon graduation. For each year of eligible teaching, one year's loan is forgiven. Applicants must be citizens of North America.

Check out the [SAE Career Center](#) and search for entry level job openings and internships, upload your resume, receive email alerts, and access career tips to help you get ahead in the mobility industry.

Questions? Contact [Bonnie Fabritius](#), phone 1-724-772-7138.

Please forward this email to anyone you think might be interested in hearing about these scholarships.