



CONNECTING ROD

November 2007

Oregon SAE Newsletter

Volume 12 Issue 05



Governing Board Meeting

When: TBD (email andresusanto@freightliner.com for invitation)
 Where: Room 1J; Freightliner Corporate Building (4747 N Channel Ave, Portland OR)
 (for the non-Freightliner members, meet at the back employee entrance)

Evening Tech Meeting

What: **Freightliner Cascadia – Electrical Development Process and Challenges**
 When: Monday, November 5th, 2007, 6:00PM
 Where: Freightliner Corporate Conference Center, 4735 N. Channel Ave, Portland, OR 97217
 Cost: \$10 with meal
 \$5 for students with meal
 RSVP by Nov 2nd to Jim Bevan (jimbevan@freightliner.com)

Lunch Meeting

What: **How To (or How Not To) Build a Sandrail – John Rokus**
 When: Friday November 9, 2007; 11:45- 12:45
 Where: Freightliner Corp II (5169 N Lagoon Ave, Portland, OR, 97217)
 Cost: \$8 members & guests; \$5 students includes lunch
 RSVP Ryan Jefferis (ryanjefferis@freightliner.com or 503-745-6361) by Nov 8th
Space is limited, RSVP today!

Upcoming Events

November 29th – Student Night; meet the students at their best. PSU, OSU, and UP students will be presenting their upcoming Formula and Baja projects. This is a great time to get to know the students just before you hire them in the upcoming months.

December – Winter Social; network with your colleagues, fellow members and student members. Time and location TBD, expect it to be early in December. Please contact Jason Wilkening at jasonwilkening@freightliner.com for comments/early reservation with a date suggestion.

Section Officers, 2007-08

Chairman
 Vice Chair
 Treasurer
 Secretary
 Tech Meeting Coordinator

kaneubauer@earthlink.net

Lunch Meeting Coordinator
 VC Student Activities / Scholarship
 VC Motorsports
 VC Membership / Company Rep
 VC Investment Committee
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Freightliner Cascadia - Electrical Development Process and Challenges

What: Freightliner recently introduced their latest truck model, the Cascadia. This innovative new truck has many ground-breaking features in the area of electronics and its electrical architecture. Mr. Menig will be talking about the multiplex systems, data bus architecture and many other innovations on the new Cascadia.

Location: Freightliner Corporate Conference Center, 4735 N. Channel Ave, Portland, OR 97217

When: November 5th, 2007, 6:00PM

Cost: \$10 General, \$5 Students (Includes Dinner)

RSVP: by October 26th to Jim Bevan (jimbevan@freightliner.com)

Who: Paul Menig is Freightliner's Chief Engineer responsible for the Mechatronics group. This group is in charge of the design of of the truck components dealing with electrical/electronics, hydraulic and pneumatic as well as their controls.



Mr. Menig graduated from MIT in 1976 with a bachelor's degree in electrical engineering. He joined Freightliner in July of 1994 and initially lead the development of electronics for the new Freightliner Century Class truck product line. Since then he's lead the electrical/electronics engineering group as a chief engineer and now the group has grown to include hydraulics and pneumatic systems as the Mechatronics Engineering group.



How To (or How Not To) Build a Sandrail



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Cost: \$8 members & guests; \$5 students includes lunch
RSVP: Ryan Jefferis (ryanjefferis@freightliner.com or 503-745-6361) by Nov 8th
Space limited, RSVP today!

Learn from John's recent experience of building a sandrail with focus on design details, lead time, fabrication time, part procurement and costs, spousal justification, performance factors, and places to recreate.

Speaker Bio:

John Rokus is a 6 Sigma Black Belt in the Continuous Improvement Department of Freightliner. John has many years of manufacturing and prototype experience with heavy truck components.



Oregon SAE Annual Student Night

Oregon's best and brightest showing off their SAE Collegiate Design projects

What: Student and members are invited to this event where SAE student members from Oregon's universities come to present their plan for the coming year's SAE Collegiate Design Series including Baja and Formula competitions. If you are planning on hiring new graduates in the next few months, this is a great way to meet the best and brightest. The student teams will be doing a short presentation shortly after the main speaker.

We have also personally invited representatives from local companies to attend with the sole purpose of meeting the students. Knowing the students ahead of time will help engineering managers assess their resumes more accurately later on.

RSVP to Katie Knudson at katieknudson@freightliner.com by November 25th

When: November 29th; 6:00pm

Where: NW Natural Auditorium (same place as last year)
7100 SW McEwan Rd. Lake Oswego, Or 97224

Cost: \$5 to students; \$10 for members (Includes dinner)

