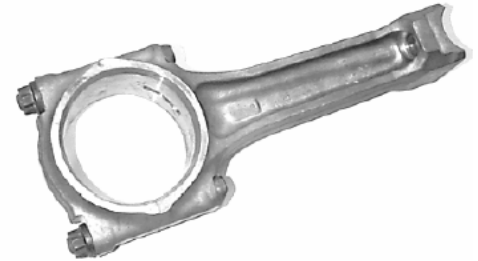


CONNECTING ROD

The Oregon SAE Newsletter

March 2006 Volume 10 Issue 10



Online at: www.oregonsae.org

Friday, March 10th, 11:30 Lunch Meeting: **Flashback to an elementary school science fair!**

What: Elementary school students will present their Science Fair projects to Oregon SAE members at Uplands Elementary School.

Location: Uplands Elementary School, 2055 Wembley Park Rd, Lake Oswego, OR

Cost: \$8

RSVP: GreggWoods@GNFreund.com, (503) 297-2776 by Thursday March 9th, 2006

Tuesday, March 14th, 5:30: **OSAE March Board Meeting**

Location: Freightliner Corporate Headquarters

Details: Contact Andre Susanto, (503) 745-2185 / andresusanto@freightliner.com

Thursday, March 23rd, 6:00 PM Evening Tech Meeting: **Revolutionary Spacecraft Propulsion**

What: Joe Brady will present his ground breaking work in spacecraft propulsion.

Location: The Old Spaghetti Factor 1275 S.E. 93rd Ave Clackamas, OR

Cost: \$12

RSVP: Contact Andre Susanto by March 20th (503) 745-2185 / andresusanto@freightliner.com

Friday, March 24th, 11:30 Lunch Meeting: **Marine Electronics for Columbia River Navigation**

What: Brian Hallet of Navigation-Solutions will discuss the importance of marine electronics for small recreational boats operating on the Willamette and Columbia Rivers.

Location: Elmer's Delta Park, 9848 N. Whitaker Rd

Cost: \$8 members & guests; \$5 students

Section Officers, 2005-06

Chairman
Treasurer
Secretary
Tech Meeting Coordinator
Lunch Meeting Coordinator
VC Student Activities / Scholarship
VC Motorsports
VC Membership / Company Rep
VC Investment Committee
VC AWIM Activities
Delegate ANC / Mini Baja Chairman
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Webmaster
Newsletter Editor

George Gvakharia (503) 745-5975
Paul Labberton (503) 745-7451
Stephen Thorud (503)-745-7141
Andre Susanto (503) 318-2547
Ben Hansen (503) 745-6041
Vaughn Hultsman (503)-721-6909
Vijay Gopalswamy (503)-745-8749
Mike Eagan (503) 703-0455
George Freund (503) 297-2776
Jason Wilkening (503) 745-9328
Ryan Jefferis (503) 745-6361
George Freund (503) 297-2776
Andre Susanto (503) 318-2547
Jim Turney (503) 745-5548

GeorgeGvakharia@Freightliner.com
PaulLabberton@Freightliner.com
StephenThorud@Freightliner.com
andres@email.sae.org
BenjaminHansen@Freightliner.com
cpvhults@nmhg.com
VijayKGS@Freightliner.com

George@GNFreund.com
JasonWilkening@Freightliner.com
RyanJefferis@Freightliner.com
George@GNFreund.com
andres@email.sae.org
JimTurney@hotmail.com



Oregon Section Presents:

Revolutionary Spacecraft Propulsion

March 23rd, 2006 Oregon SAE
Evening Technical Meeting

Defying most people's understanding of Newtonian physics, Joe Brady has developed a means of propulsion that is truly out of this world. Joe Brady's research has lead him to the development of a propulsion design that has the potential to revolutionize space travel. Limitations on fuel consumption could be circumvented, opening up a new era of space travel and exploration.

Joe Brady will present his design, which is based on the works of the giants of the physics community (including Einstein, Newton and Stephen Hawking). Joe's presentation is not to be missed!

Who: Joe Brady

When: Thursday, March 23rd, 6:00pm social, 6:30 dinner, 7:00 presentation

Where: The Old Spaghetti Factory, 1275 S.E. 93rd Ave, Clackamas, OR

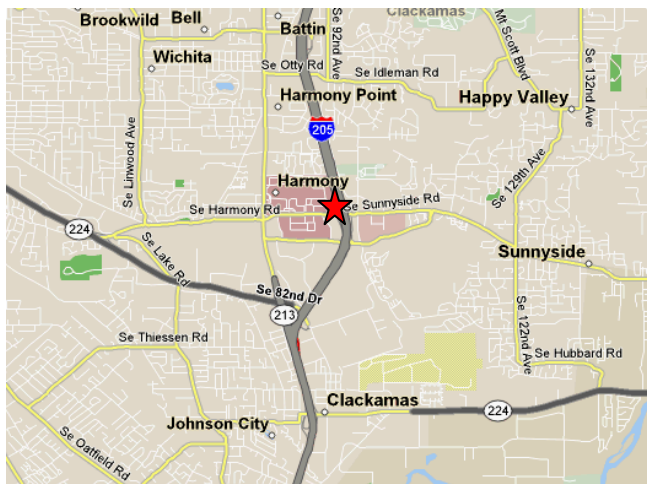
RSVP: Contact Andre Susanto by March 20th (503 745-2185 / andresusanto@freightliner.com)

A choice of dinner options will be available.

All dinners will include Caesar salad, ice cream, soda and a 20% gratuity.

- 1) The Premier includes Lasagna and Chicken Marsala
- 2) The Meat Lover's Treat includes meatball, Italian sausage, And Spaghetti with meat sauce.
- 3) Fettuccine Alfredo.
- 4) Any choice from the Classics menu i.e.: Spaghetti with various sauces or the managers favorite.

Items 1,2,&3 require exact counts so please indicate selection with RSVP.



A Call to Arms

Members,

I would like to extend my thanks to the legacy of great leaders and volunteers who have made Oregon SAE what it is today. With its rich and often colorful history (which other section has a "TP Fund" and exploding gavels?) and a growing list of active members, we are poised to have many more great years ahead.

The future success of Oregon SAE is in your hands, our members. We are looking for even more of your involvement. It can be as simple as an email sent to techmeeting@oregonsae.org or lunch@oregonsae.org for any topic suggestions you may have. From time to time, we put out a call for volunteers; this year we have the 2006 Mini Baja West event (contact Valeri Uskoski at vuskoski@yahoo.com to become a volunteer).

Last but not least, we want you to be involved in some of the decisions that are made at the governing board level. Any one is welcome to any of our monthly board meetings to give their input. We also have board positions available if you are interested in volunteering. The board positions can be as busy as chairperson, but there are also many less demanding positions requiring as little as 1-3 hours of work per month.

If you would like to become part of the governing board, or volunteer for some of the less demanding positions please contact Andre Susanto at andres@email.sae.org by March 20th 2006. A local company representative require about 2 hours/month of work or less. Let's work together to provide more value for you, our members and to help the students and the younger members develop their skills and involvements in the society.

Best Regards,
Andre Susanto

Precor USA is seeking a qualified Senior Design/Mechanical Engineer

Company: Precor USA, Woodinville, WA

Position: Senior Design/Mechanical Engineer, Consumer Cardio Division

Reports to: Director of Engineering

General scope:

Provide leadership for a cross-functional team to design and develop new products for Precor's Consumer Cardio Division. As project lead, the Senior Design/Mechanical engineer is expected to develop mechanical component and technology strategies for new products while also identifying opportunities to improve existing products. Successful candidate will champion collaboration with marketing, industrial design, engineering and manufacturing to inspire the team and lead the product development process.

Educational Background and Professional Experience:

1. Bachelor's degree in Mechanical or Product Design Engineering.
2. Advanced degree highly desirable.
3. Minimum 6 years of product design/engineering experience, including the use of standard mechanical engineering analysis and software (i.e. FEA, kinematics and tolerance analysis).
4. Ability to analyze components and assemblies for static and fatigue strength to meet design goals.
5. Experience in design for manufacturability and assembly.
6. Experience with the design and manufacture of plastic molded parts.
7. Experience with the design and manufacture of sheet metal, bent tube and welded components
8. Ability to use industry standard CAD systems for design and documentation.

Contact Information:

Allison Sherwood, A. Sherwood Associates, 801-298-4449 or email resume to asherwoodgroup@qwest.net

VOLUNTEERS NEEDED!!

What: 2006 SAE Mini Baja West

When: May 11-13, 2006

Where: Expo Center (Portland) & Washougal MX Park (SW Washington)

Why: To support university engineering education

The Oregon Section of SAE (Society of Automotive Engineers) is hosting this year's Mini Baja West Competition. This event provides undergraduate engineering students the opportunity to work on a real-world design project from the ground up – they design and build an off-road vehicle, raise the funds required to build it, and provide detailed design, costing, and manufacturing reports. The project culminates in a three-day competition against teams from other schools.

We need volunteers to help make this year's competition a success; you do not need to be an engineer to volunteer – much of the help we need does not require any technical experience. Day 1 will be at the Expo Center in Portland and Days 2 & 3 will be at the Washougal MX Park. Whether you can volunteer for a couple hours or all three days, we need your help!

Contact: Valerie Uskoski, Volunteer Coordinator

vuskoski@yahoo.com

Please visit our website at <http://minibajawest.com/> for more information.

