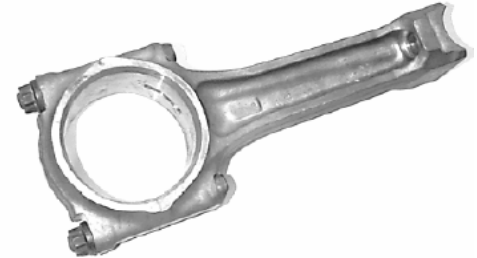


# CONNECTING ROD

The Oregon SAE Newsletter

December 2006

Volume 11 Issue 07



Online at: [www.oregonsae.org](http://www.oregonsae.org)

## *Happy Holidays and Best Wishes..*

### *From Oregon SAE*

**Thursday, Dec 14, 6:00-8:00 pm: OSAE Winter Social Dinner (see page 3)**

**What:** Come catch up with long-time friends and make new ones. This year's event will feature a group design competition and recognition of past award recipients, so come hungry and creative!

**Cost:** \$17/person for dinner

**Location:** Shanghai Noble House Restaurant,  
5331 SW Macadam Ave, Portland OR 97201 [map](#)

**Reservations required by the 12<sup>th</sup>**, please contact [AndreS@email.sae.org](mailto:AndreS@email.sae.org) or 503-318-2547

**SAE Press Release: SAE's AWIM Program Wins National Technology Award (see page 2)**

**Paid advertisement – Two Job Positions:**

**Project Engineer - Vehicle Field Trials, Systems Engineer - Vehicle After-Treatment (page 2)**



**Advertise here and reach over 700 Oregon engineers and managers in the mobility advancement field. For details please contact: [GeorgeGvakharia@Freightliner.com](mailto:GeorgeGvakharia@Freightliner.com)**

**503-745-5975**

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Paid Advertisement:

Our client is a Vancouver, B.C., Canada, based technology start-up company that is commercializing innovative exhaust emission control solutions for the diesel engine industry. This is a fast growing company with solid financing and an exciting work environment. Their initial focus is the application of their novel hydrogen generating fuel reformer technology to drastically improve the durability and cost performance of Lean NOx Traps enabling diesel engine manufacturers to meet U.S. EPA 2010 regulations while simultaneously reducing fuel consumption without the need of creating a nation-wide urea infrastructure.

### **Project Engineer - Vehicle Field Trials**

- Experience performing field trails to validate new component designs.
- Ideally the person's engineering experience would be in the area of exhaust system components or engine system components, but other areas are acceptable.
- Integration of components to field trails through to PPAP.
- Experience with data acquisition equipment, emissions monitoring instruments will be beneficial.

### **Systems Engineer - Vehicle After-Treatment**

- Solid project management and System Engineering experience in a product development environment.
- Five to fifteen years of appropriate experience.
- Ideally the candidate would have strong experience creating models of the chemical and thermal processes associated with diesel engines and catalytic after-treatment systems such as Lean NOx Traps, DPFs and DOCs as well as modeling of thermal transients associated with such systems.
- An understanding of the mechanical issues involved in integrating components onto vehicles such as heavy duty trucks will be beneficial.
- Experience with software such as Hysys, VMG Sim and Comsol is a strong asset.
- Experience in a highly structured engineering process environment.

Contact: Greg Horner, Senior Recruiter  
Corporate Recruiters Ltd.

Email: [greg@corporate.bc.ca](mailto:greg@corporate.bc.ca)

Toll Free (North America): 1-866-832-4203

International: (+1) 709-834-4218

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SAE international Press Release:

## **SAE International's AWIM Program Wins National Technology Award**

**WARRENDALE, Pa., Nov. 27, 2006** - SAE International's *A World In Motion* program is the winner of the InnoVision Award in the category of "2006 Community Service."

The 2006 Community Service Award recognizes an organization for establishing and/or supporting innovative, technology-based projects and programs that improve the quality of life for a community.

The *A World In Motion*® curriculum joins together teachers, students and volunteer practicing engineers and scientists in an exploration of physical science. The program comprises a series of four curricula for students in grades fourth through tenth. *A World In Motion*® brings math and science principles to life through highly interactive learning experiences that incorporate the laws of physics as they relate to motion, flight and electronics.

*A World In Motion*® is funded by the SAE Foundation.

The InnoVision Technology Awards program, founded in 1999 by Deloitte & Touche, recognizes and honors Upstate businesses, individuals and organizations that have demonstrated significant advancements in the areas of innovation and technological progress. Awards are presented in five categories: Technology Development, Technology Application, Small Enterprise, Innovation in Education, and Community Service.

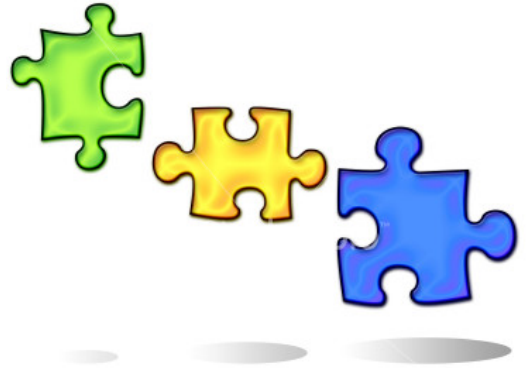
The award was presented at the 2006 InnoVision Technology Awards dinner in Greenville, S.C



Oregon SAE presents:

## Annual Winter Social Dinner

**Its that time of the season to celebrate the accomplishments of the past year. So come catch up with long-time friends and make new ones at the annual OSAE Winter Social. This year's event will feature a group design competition and the recognition of past award recipients, so come hungry and creative!**



**Friends and spouses are welcome as always.**

**When:** **Thursday, Dec 14, 6:00pm**

**Where:** Shanghai Noble House Restaurant  
5331 SW Macadam Ave, Portland OR 97201 [map](#)

**Menu:** Seafood Sizzling rice soup  
Pot Sticker, Crab meat rangoon, bbq pork  
General Tso's Chicken, Prawn w/ vegetables, beef w/ snow peas,  
Sweet and sour pork, sautéed string beans, fried rice, fresh fruit platter

**What:** Social hour 6:00- 6:30  
Dinner 6:30-7:15  
Awards 7:15-7:30  
Design competition and judging 7:30-8:00

**How much:** \$17/person (restaurant will be charging \$13.95+18% ~ \$17)

**Reservations required by the 12<sup>th</sup>**, please contact [AndreS@email.sae.org](mailto:AndreS@email.sae.org) or 503-318-2547



The group design competition will be small enough to do on the table and easy to judge.