

**The Alvine Engineering Professional Effectiveness and Enrichment Program
Invites you to attend a presentation on**

GREEN VEHICLES: How are Plug-in Hybrids are different from Hybrid and Electric Vehicles?

By
Frank Kuchinski, VP Marketing Poulsen Hybrid, LLC

Wednesday, Dec. 10, 12:15 – 1:15 PM
Room B120, Tagliatela College of Engineering, Schumann Auditorium

Abstract:

Poulsen Hybrid, LLC aims to improve the way consumers commute with our Poulsen Plug-in Hybrid system that converts conventional cars into battery assisted plug-in hybrid vehicles. It offers millions of consumers the option to keep their existing car instead of having to buy a new hybrid vehicle. With the Poulsen Hybrid system, existing cars can become a Plug-In Electric Vehicle (PHEV) in less than 4 hours. Our patented Power Assist technology provides approximately 25 to 30 miles of battery assisted power for each time the batteries are charged. This battery assisted power range has been selected for the 70% of Americans who commute less than 30 miles a day.

The Poulsen Hybrid is a completely passive and independent system that attaches battery powered motors to the car's rear wheels to supplement the car's traditional gas engine with battery power. Simply drive the way you normally do and once your car reaches 20 mph, the Poulsen Hybrid motors are engaged to provide supplemental power to the rear wheels which reduces the amount of gasoline needed by the engine. The result is that your car will use less gas and avoid emitting 19 lbs of CO₂ into the environment for each gallon of gas saved. A complete Poulsen Hybrid system with lead batteries retails for \$4,550 or \$8,600 with Lithium-ion batteries.

The Poulsen Hybrid was invented by Ulrik Poulsen who has an extensive background in electro-mechanical design and over 25 years experience in the industry. Additional product information is available on our website: www.poulsenhybrid.com.

Brief speaker bio:

Frank Kuchinski is Vice President of Marketing for Poulsen Hybrid, LLC. Poulsen Hybrid, LLC is based in Shelton, Connecticut and has developed the Poulsen Plug-in Hybrid system which converts conventional vehicles into Plug-in hybrid vehicles in under four hours. Frank is a graduate of Babson College. His background includes management and marketing technology positions at Fortune 500 firms and at financial software startup company where he was responsible for the design and launch of a online portfolio management product.