Western Leadership Forum

Wednesday, November 8, 2017 | 12:00 p.m. | Bellwether Ballroom

“Trucking into the Future”
Carl Hergart
Director of Advanced Technology, PACCAR Technical Center
“Trucking into the Future”

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A thriving trucking industry is key to US economic growth. Trucks currently transport some 70% of US freight tonnage. PACCAR is the second largest manufacturer of heavy-duty trucks in North America and offers high quality trucks under the Kenworth, Peterbilt and DAF nameplates. Improving transport efficiency remains a strong focus for the company. Significant improvements in fuel efficiency and substantial reductions in environmental impacts have been achieved over recent decades. These improvements have been achieved by optimization of the truck and its subsystems including engine, aero and powertrain integration.

In his current role, Carl Hergart oversees the Advanced Powertrain development for PACCAR in North America, and his organization also supports company initiatives in the realm of ergonomics and Advanced Driver Assistance Systems.

Prior to joining PACCAR in 2014, Carl spent 17 years at Ford, GM and Caterpillar in roles of increasing responsibility, most recently leading groups in the areas of combustion, aftertreatment (emissions management) and air systems.

In recent years Advanced Predictive Features have been introduced, with GPS offering fuel economy improvements. Currently hybridization and electrification are being explored to improve fuel efficiency. With increased automation and connectivity, today’s trucks have access to a wealth of information that is leading to opportunities in Advanced Driver Assistance Systems (ADAS) and prognostics.

Carl received his Ph.D. from Aachen University in Germany, specializing in in-cylinder modeling of diesel engines.

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