



Kevin Oldknow, Ph.D., P.Eng.

WHEEL RAIL SEMINARS



Rail Transit



Principles



Heavy Haul

Press Release: November 2018

Wheel Rail Seminars is proud to announce that Dr. Kevin Oldknow will once again serve as the Organizing Chair and Program Director of the Principles Course, which is part of Wheel Rail Seminars' annual Wheel/Rail Interaction (WRI) Conferences. Dr. Oldknow, who is Associate Dean in the Faculty of Applied Sciences at Simon Fraser University, and Director of SFU's Sustainable Energy Engineering program, the first of its kind in Western Canada, has been a regular contributor at the WRI conferences for more than 10 years.

In his role as Principles' Program Director, he will work with the Wheel Rail Seminars network of industry experts to continuously improve the Principles course to deliver effective and engaging presentation of wheel/rail interaction fundamentals. With an extensive technical background and railway industry experience, he's well suited to do so.

"Kevin is one of those rare individuals who can draw from both theory and practical application to make complex subjects accessible to the end users in the industry," said WRS Executive Program Director Bob Tuzik.

As Associate Dean of Undergraduate Studies in the Faculty of Applied Sciences at Simon Fraser University, Dr. Oldknow is involved in the development and governance of curricula and programming, and has led the development of the newly designed Sustainable Energy Engineering program in conjunction with the expansion of SFU's Surrey campus. As Director of the new SEE program, he will lead the effort to provide an interdisciplinary approach to incorporate engineering principles, design practices, current technologies with business, social and economic policies to design and implement sustainable energy solutions. Dr. Oldknow also serves as Senior Lecturer in the School of Mechatronic Systems Engineering at SFU, where he has taught courses in Dynamic Systems Modeling and Simulation, Industrial Control Systems, Manufacturing Systems, Technology and Society, Engineering Economics and Technology Entrepreneurship.

Prior to his academic career, Dr. Oldknow held a wide range of technical, strategic and senior management positions in the railway supply industry, where he was involved in an array of international projects on passenger and freight rail systems, including vehicle/track studies and simulation work, and the deployment and verification of technologies designed to improve system performance, minimize energy consumption and extend infrastructure asset life.

"We are proud to have someone as knowledgeable and as passionate about the industry as Kevin has shown to be leading our efforts to continuously improve the Principles Course and the Wheel/Rail Interaction Conference, overall," said Gordon Bachinsky, WRS Founder. "Kevin will work closely with WRS Executive Program Director Bob Tuzik and me to create the best possible program."