Performance Metrics for Assessing Driver Distraction focuses on the study of secondary task demands imposed by in-vehicle devices on the driver while driving. It provides a mechanism for researchers to evaluate how in-vehicle devices such as navigation systems – as well as other devices such as cell phones – affect driver distraction and impact safety.

This book, which features the work presented by international experts at the 4th International Driver Metrics Workshop, in June 2008, offers a summary of the current state of driver metrics research.

Edited by Dr. Gary L. Rupp, author and moderator, Performance Metrics for Assessing Driver Distraction, introduces vital information to support the design of in-vehicle information and communication systems (IVIS).

About the Editor

Dr. Gary Rupp was with Ford Motor Company from 1979 until his retirement in 2007. During that tenure, his work encompassed all areas of driver-vehicle interaction, besides developing numerous Ford CAD tools and computer models for making ergonomic assessments.

Prior to coming to Ford, he was an Assistant Professor of Industrial Engineering at The University of Toledo, specializing in Human Factors. He has a BSE in Electrical Engineering from Ohio State University, and MSE and PhD degrees in Bioengineering from the University of Michigan.

Dr. Rupp has chaired many SAE and ISO ergonomics committees and has led the development of several national and international ergonomics standards.