



Pasi LAUTALA

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Biography:

Pasi Lautala is an Associate Professor civil and environmental engineering department of Michigan Technological University where he also leads the Rail Transportation Program he founded in 2007. His research concentrates on various topics in rail transportation/engineering, ranging from grade crossing and trespasser safety research to multimodal transportation engineering and logistics. Dr. Lautala holds PhD in civil engineering (transportation). He is the chair of Transportation Research Board's Freight Rail Transportation Committee (AR040) and one of the governor-appointed members of The State of Michigan Commission for Logistics and Supply Chain Collaboration.

Title of presentation:

From In-Vehicle Alerts to Analyzing Driver Behavior - Level Crossing Research in the United States

Summary:

The presentation will discuss some of the recent level crossing related research projects in the United States. It will touch both the use of new technologies, such as In-Vehicle Auditory Alerts (IVAA's), and investigations on human behavior at crossings, such as analysis of Naturalistic Driving Study (NDS) data and the use of simulated settings in evaluations. It will also briefly discuss the potential benefits and challenges posed by the connected and automated vehicles (CAVs) at level crossings.



Act safely at level crossings



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INTERNATIONAL LEVEL
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