



# TRANSPORTATION INNOVATION SERIES

*A strategic outreach series hosted by the  
Office of the Assistant Secretary for Research and Technology*

## Connected Motorcycle Research at VTTI and the Virginia Connected Corridors

Dr. Zachary Doerzaph, Virginia Tech Transportation Institute  
Wednesday, March 18, 2015 • 1:00pm – 2:00pm EDT  
USDOT Headquarters West Building Conference Center – Rooms 8-9-10



Research indicates that applications enabled by Dedicated Short Range Communications (DSRC) may lead to transformational improvements in safety for the traveling public. Although most

efforts have focused on the more common for-wheel vehicles, motorcycles represent a

particularly significant opportunity to reduce fatalities given an increased injury severity in the associated crashes. This presentation will overview ongoing research efforts at the Virginia Tech Transportation Institute to better understand the addressable crash problems, build warning interfaces, develop algorithms, and improve the system performance for connected motorcycles.

Sponsored by: Office of the Assistant Secretary for Research and Technology (OST-R), University Transportation Centers Program

**DISCLAIMER:** The views, opinions, findings and conclusions reflected in this presentation are the responsibility of the authors only and do not represent the official policy or position of the USDOT/OST-R, or any State or other entity.

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If you need a reasonable accommodation, please email [drc.interpreters@dot.gov](mailto:drc.interpreters@dot.gov) or phone at 202-366-9433 /  
TTY: 202-366-6242 at least 3 business days prior to the event.