

## How Trust Influences Adoption: Creating Human-Centered Autonomous Vehicles

David R. Garcia

University of Central Florida, david.garcia@ucf.edu

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David R. Garcia

University of Central Florida

As vehicle manufacturers race to create consumer vehicles with autonomous features, there are many human factors issues that must be addressed. Namely, issues that contribute to how humans trust vehicles with autonomous features, and how this trust relates to the adoption of these types of vehicles. Choi & Ji (2015) identified the need to further research the roles system transparency, technical competence, and situation management play on trust towards autonomous vehicles (AVs). This presentation aims at examining the current research on AVs and to provide recommendations for creating human-centered AVs based on principles such as personality, anthropomorphism, and auditory feedback.