

# Automated Vehicles are coming!



## But what are the safety challenges?

LEVEL

0

**PAST**  
**No Automation**



1

**NEAR PAST**  
**Assisted**  
Feet off



2

**NOW**  
**Partial**  
Hands off



Mode Confusion

3

**NEAR FUTURE**  
**Conditional**  
Eyes off



Task Switching



Data Security



Fallback Ready



Mode Confusion



Law



Cyclists

4

**FUTURE**  
**High**  
Mind off



Task Switching



Mode Confusion



Sensors



Cyclists



Fallback Ready



GPS



Data Security



Law



Trust

5

**DISTANT FUTURE**  
**Full**  
Passenger only



Navigation



Sensors



GPS



LIDAR



Data Security



Law



Cyclists