

Wearing Awareness: Designing *Pedestrian-Wearables* for Interactions with Autonomous Vehicles

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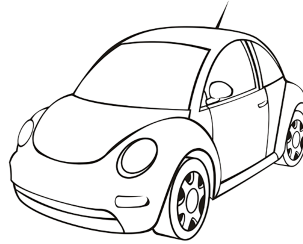
How might wearable devices support interactions between autonomous vehicles and pedestrians?



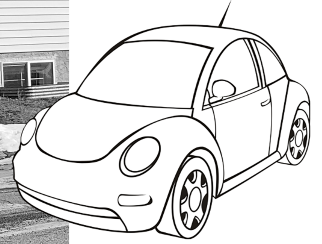
1 Searching



2 Sensing Vehicle & Actuating



3 Alerting



Pedestrian-wearables are pedestrian-worn wearable devices that aid communication between pedestrians and autonomous vehicles by actuating according to oncoming vehicle actions. For example, a scarf that flaps upwards to notify the pedestrian when it is deemed safe for them to cross.

A Design Space of Potential Future *Pedestrian-Wearables*

We propose potential *pedestrian-wearable* ideas for tactile, visual, and auditory alerting styles, and discuss potential benefits and considerations they present.

