



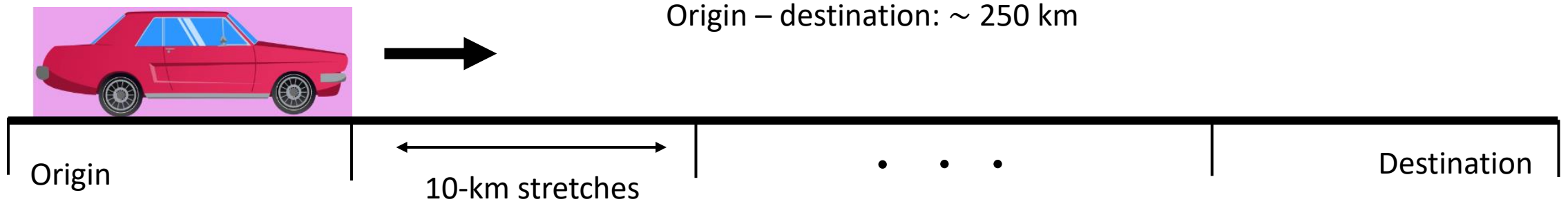
Successful R&I in Europe 2024 11th European Networking Event

Alleviating Range Anxiety: Proposing Target Speed Guidance for Electric Car Drivers

Erkan Atmaca

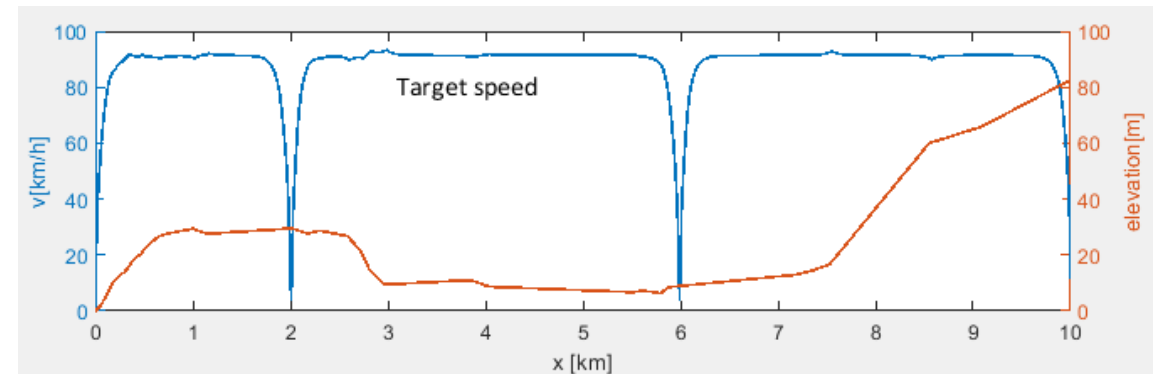
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Task

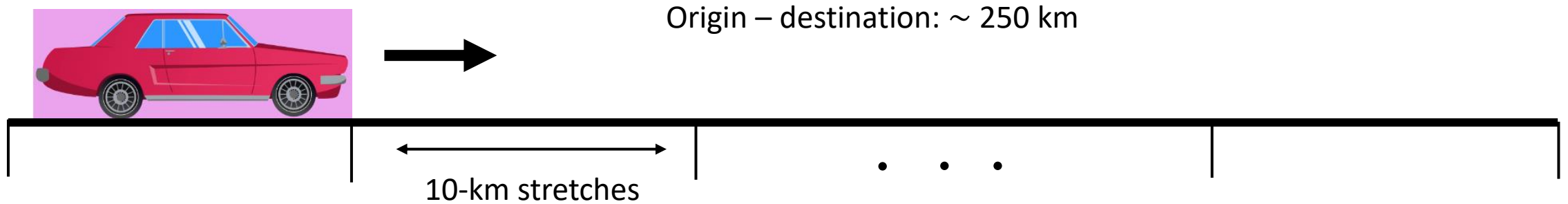


Human-machine interface: Smartphone

Develop optimal speed profile and propose the target speed at each 10-km in the display



The task and the need



1 - Read the origin and destination, and develop the road parameters. ✓

2 - Then, at each 10 km:

Communicate with the car, and read the battery content, and transfer it to the human-machine interface. ?

3 - Develop the optimal speed profile and display it. ✓

We need partners who'd like to

- Cooperate in developing driver assistance system for EV's as a whole.
- Work with us specifically to facilitate the communication between the interface and battery estimator of the EV.
- Cooperate in testing the driver assistance system in recent commercial EV's.

We are

- Former solar car and electric car racers with our emphasis on the energy management of those cars.
- Engineers, business initiatives, and academicians with experience in
 - developing energy management algorithms and related software.
 - designing large scale battery packs and related instrumentation.
 - developing human-machine interface software and virtual reality applications.

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Thank you..