YRPF Presents: The Coffee Break Sessions

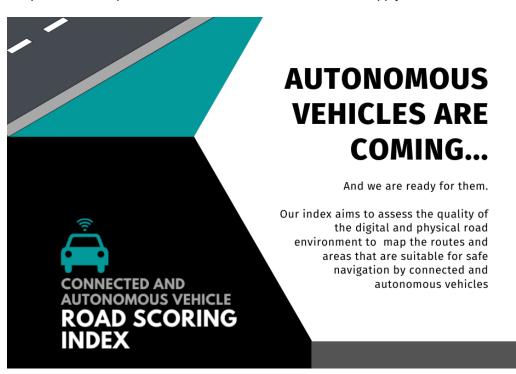### Hosted by the Association for European Transport Young Researchers' and Practitioners' Forum

The YRPF warmly invites you to join us for an informal series of lunchtime sessions where we will be discussing a range of transport related topics. Open to all, the sessions will be an opportunity to engage with some of the most pressing industry challenges and expand your network during a time when we're spending more time than ever apart.

Connected and Autonomous Vehicle Road Scoring Index

24th January 2023 1pm - 2pm CET

Join Lawrence Penn as he tells us about a piece of research he developed using grant funding from the Rees Jeffreys Road Fund. The CAV Road Scoring Index is a method of assessing the suitability of a road for safe navigation by an autonomous vehicle. It works by grading 11 different aspects of the road environment against ideal standards from the unique perspective of a CAV, rather than a human driver. As well as considering parameters such as road marking condition, presence of vulnerable road users and junction type, it also considers digital infrastructure such cellular network coverage and the presence of V2I technology.

Safety is cited as the biggest concern around autonomous vehicles among the public, so it is essential that CAVs are introduced into the highest quality road environments first to ensure that their introduction is as safe as possible. This research created a proof-of-concept model for the research and was used to apply for further research funding.

To register for the event please click the link:

https://www.eventbrite.co.uk/e/yrpf-coffee-break-connected-and-autonomous-vehicle-road-scoring-index-tickets-504543813127