

## Special Issue

# Collaborative Technology for a Sustainable Transition to Automated Driving

### Message from the Guest Editors

With this Special Issue, we are looking for new concepts and applications to feed the development of collaborative driving systems for different levels of automation. We are especially interested in naturalistic or driving simulation studies on one or more of the following topics:

- Interactions between the automated vehicle and its driver/occupants, including requested or unrequested takeover manoeuvres, and perceived levels of safety and comfort during automated driving;
- Interactions between the automated vehicle and other road users, including communication and actions towards pedestrians, cyclists and drivers of non-automated vehicles;
- Behavioural modelling for different types of drivers and driving modes that mimic human behaviour;
- New concepts of human-machine interfaces to improve safety and user experience.

Submitted papers should clearly contribute to bridge the gap between automated driving technology and different types of road users, presenting tools to address their specific needs and requirements and, ultimately, to promote a widespread acceptance and sustainable rollout of automated vehicles.

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### Guest Editors

Dr. António Lobo  
Dr. Sara Ferreira  
Prof. Dr. António Couto

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### Deadline for manuscript submissions

closed (30 November 2021)



## Sustainability

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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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