



UDRIVE

European Naturalistic
Driving Study

Webinar: Everyday driving

Preliminary results
Mandy Dotzauer

Agenda

1. Brief overview of UDRIVE and WP42

2. Three 10-minute presentations on the following topics:

- Everyday driving: The influence of driver and environment characteristics on everyday driving behaviour (presenter: *Daryl Hibberd (Leeds)*)
- Overtaking motorized traffic on rural roads (presenter: *Eric Stemmler (DLR)*)
- Auto-confrontation (presenter: *Laurette Guyonvarch (LAB)* and *Helene Tattegrain (IFFSTAR)*)

Overview of UDRIVE and WP 42

UDRIVE

- First large-scale European naturalistic driving study on cars, trucks, and powered-two wheelers
- October 2012- June 2017
- Data collection in 6 operation sites

France (30)

Germany (20)

Poland (30)

UK (30)

Netherlands (10)

Person cars

Spain (40)

Powered two-wheelers

Netherlands (40)

Long and short haul trucks



UDRIVE

Aims to...

...Increase our understanding of road user behaviour

...Contribute to meeting the European road safety and environmental targets

Within UDRIVE, performing analyses of

- Drivers engagement in secondary tasks
- Car drivers interacting with pedestrians and cyclists
- Motorcycle behaviour
- Driving styles in relation to eco-driving
- Characteristics of everyday driving
- Crash risk and perception of risk

WP 42:

Everyday and risky driving

Aims to...

...analyze normal driving behaviour in terms of safe and unsafe behaviours

Work includes:

- Developing and implementing triggers for safety critical events (SCEs)
- Development of an analysis plan for SCE analysis
- Providing descriptive analysis of everyday driving overall and of different driver groups
- Analyzing driver behaviour in specific situations (e.g. vehicle overtaking) with respect to safe and unsafe behaviours
- Preparing and performing a study using the auto-confrontation technique

Everyday driving: The influence of driver and environment characteristics on everyday driving behaviour

Daryl Hibberd

Overtaking motorized traffic on rural roads

Eric Stemmler

Auto-confrontation

Laurette Guyonvarch &
Helene Tattegrain

Everyday and risky driving

Wrap up

Other webinars today

- 11:30 – 12:40 Secondary tasks while driving
 - Oliver Carsten, University of Leeds
- 14:00 – 15:10 Eco-driving
 - Veerle Heijne, TNO

Upcoming event

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REGISTRATIONS NOW OPEN

UDRIVE Final Event
The UDRIVE Experience
7 June 2017

6th International Symposium on
Naturalistic Driving
Research
8 & 9 June 2017

The Hague, The Netherlands

Register at: <http://ndrsymposium.com/>

Further questions/contacts

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**Thank you for joining the webinar
and your attention!**