FUTURE MOBILITY
VALUE OF DATA &
TRUST IN AI

Theme Development Workshop

Identify common goals between academia and the mobility & transportation sector as well as other relevant stakeholders, and define promising approaches for European research and innovation in Trustworthy AI.

Organising Committee

Please register here.

Workshop programme

Due to Covid 19 the workshop will be held online with a mixed programme of presentations and in-depth discussions about specific sub-topics in smaller groups (Breakout sessions). This gives you the opportunity to discuss with selected experts and contribute to the strategic research and innovation agenda for AI in Europe.

09:00 - 09:15 Welcome & Objectives
09:15 - 09:45 Trustworthy AI for Future Mobility
Dr. Müller - DFKI GmbH
09:45 - 10:15 Safe, secure and transparent AI:
Thoughts out of an industrial perspective
Dr. Götz - ZF Group
10:15 - 10:30 Coffee Break & Socialising
10:30 - 12:00 Parallel Breakout sessions
12:00 - 13:00 Plenary presentation of key findings from the Breakout sessions
13:00 - 14:00 Lunch break & Socialising
14:00 - 14:30 Explainability and Trust - The key acceptance factors of AI in automotive industry
Dr. Hilbert - VW DataLab Munich
14:30 - 16:00 Parallel Breakout sessions
16:00 - 16:15 Coffee Break & Socialising
16:15 - 17:00 Plenary presentation of key findings from the Breakout sessions
17:00 - 17:30 Closing & Socialising

Breakout sessions

Breakout session 1:
Trustworthy AI for Future Mobility
With this session, we would like to initially define the strategic challenges and derive relevant major topics for Trustworthy AI from the perspective of future mobility.

Breakout session 2:
Expl. AI for time series & verification approaches
Today Explainable AI approaches are used without knowing if they are appropriate for our data and model. This session will discuss the challenges of transferring theory to industrial applications due to theoretical limitations and lack of verification algorithms.

Breakout session 3:
Estimating the value of data
The volume of data is increasing exponentially. But not all data has the same value for different stakeholders. To determine this value, a very efficient process is needed. This breakout session will therefore answer the following question: How can the value of data be estimated?

Breakout session 4:
Towards standardisation & certification of AI
For non-machine-learning components, standard processes and methods exist to prove safety, but for machine-learning components, corresponding standardisation and validation processes still need to be developed and certified. This session will discuss the challenges in this context of camera sensor-based algorithms.

Breakout session 5:
AI expertise in Future Mobility
The mobility & transportation sector faces several challenges in attracting talents and empowering their employees to provide AI-based solutions. What are the specific needs for AI training and upskilling programmes, and how can these needs be aligned with academic activities and doctoral programmes?

We invite the community to suggest further topics of interest for the breakout sessions. Please use the online application form for your suggestions.

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