

Propositions

accompanying the dissertation

Cycling in the age of automation

Enhancing cyclist interaction with automated vehicles
through human-machine interfaces

by

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1. Road user connectivity is inevitable (*Chapters 2 and 3*).
2. New technology is insufficient to ensure safe active mobility (*Chapter 3*).
3. The presence of eHMIs on automated vehicles is redundant (*Chapters 2, 3, and 4*).
4. In experimental studies, participant data reflects diminishing engagement over time more than the actual experimental conditions (*Chapters 6 and 7*).
5. Quantitative research risks losing its context and applicability without qualitative insights, whereas qualitative research stands independently.
6. The slow pace of traditional peer review is making preprints and independent critical thinking the new gold standard for disseminating academic knowledge.
7. The subjectivity in research ethics approval processes across institutions and countries undermines the validity of scientific findings.
8. The advancement of artificial intelligence (AI) will render a PhD degree obsolete in less than 10 years.
9. One does not simply do a PhD without risking mental illness.
10. A home office cat contributes more to academic progress than most human colleagues.

These propositions are regarded as opposable and defensible and have been approved as such by the promoters Prof. dr. M. P. Hagenzieker and Prof. dr. ir. J. C. F. de Winter.