

**Call for Contributions: “The Unreliability Paradox: Rethinking Data-Driven Mobility”;
December 20 – 22, 2026; Donaueschingen, Germany**

Mobility research treats unreliability usually as a problem to be eliminated. And indeed, the downsides of unreliability, such as delays, missed connections, disruptions, etc., are evident. However, a broader, long-term perspective suggests a more nuanced discussion of unreliability. Under certain conditions, unreliability can contribute to robustness and flexibility, enable novel forms of interaction, and give rise to adaptive or creative responses.

The workshop will discuss this topic from different perspectives, including data science and AI, transportation planning, and social science. Distinguished keynote speakers and session leaders, such as Kay Axhausen, Sebastian Prokutta, and Christiane Varga, will facilitate discussions across the usual boundaries of scientific disciplines. More information about the conference can be found here: <https://www.rethinkmobility.ai/>

We invite abstracts for contributed talks, posters, and breakout sessions. We are looking forward to contributions that critically discuss the role and our understanding of reliability. Submissions may address, but are not limited to, the following questions:

- What is the best mathematical framework for rigorous data analyses of unreliability? What mathematical guarantees can and cannot be expected?
- How can data science help distinguish “good” from “bad” unreliability, quantify the long- and short-term impacts, and communicate the results?
- Can the “benefits of inconvenience”, positive (side-)effects of “surprise” and “unavailability” be quantified and if yes, should these aspects even be considered in cost-benefit analysis?
- How can approaches like gamification and fuzzy information create more robust, safer, and smarter traveller experiences? In the longer term, can such approaches support well-being? If yes, what methods and pipelines from contemporary machine learning and AI might lead to new tools for travellers? Are new tools even necessary?

Contributions are open to any field and academic level. Abstracts can be uploaded until May 30 on the workshop webpage: <https://www.rethinkmobility.ai/> Decisions about acceptance will be communicated by June 15. The three best student posters will be awarded prizes during the conference.