

The three most critical ethical challenges in autonomous transportation

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1. RISK DETECTION AND PREVENTION

- How to detect and prevent risks in adaptive autonomous systems?

2. HUMAN – AUTONOMOUS SYSTEM – INTERACTION

- How to prevent human agents to be lulled into false sense of security?
- Who is responsible when something goes wrong?
- *Complimation*, complemented automation (P. C. Schutte, NASA)

3. VALUE CONFLICTS – REVEALED IN ACTION

- What do we want to a) **achieve** or **promote** b) **avoid**, c) **protect** or **preserve** d) **prevent** with different kinds of functions of the autonomous transportation system?
- When values collide, who decides? Whose responsibility is to oversee?