Abstract

"Moral Decisions" During a Dilemma – Soon to Be the Task of the Automobile?

"Autonomous mobility in general and the autonomous vehicle in particular will come. It is therefore no longer the question of "If," rather of "How:" In the not-so-distant future, autonomous vehicles will populate our streets. The transition to driverless automobiles will present a technological and cultural leap. Nevertheless, people are then trusting their lives with some kind of algorithm that has sole control over the vehicle, which is aided every second by millions of data from the sensor and from its sensor fusion (radar, image recognition, etc.). In addition to a simulation capable of real-time, the knowingly polarizing lecture shows, with the example of a cognitive mobility platform and embedded solution, that already today, the problems that are conjured up and brought into the discussion by critics and skeptics alike can be solved. In any case, the removal of driver is not a purely technological question. Next to the demonstration of the technical feasibility, the lecture should also inspire thoughtful contemplation because, in addition to all the technology, a societal consensus is still to be developed following some questions. And lastly, cognitive solutions can (though not yet) diminish humanity."