

Team Information

Picture of vehicle:



Name of vehicle: PSYCHE, AMOR, DORIS (left to right)

Picture of team leader:



Name of team leader: Prof. Dr.-Ing. Klaus-Dieter Kuhnert

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Team Description: At the Institute of Real-Time Learning Systems the research focuses on 3D computer vision and real-time learning. These basic technologies are applied to outdoor robotic scenarios which provide the ultimate litmus test for robustness and usability. Different vehicles (AMOR, PSYCHE, DORIS) are now operated to cover flexibly a very wide range of possible applications. By a 3D environment model several types of objects like roads, obstacles or persons are recognised. Fully featured local and global maps allow navigating autonomously in complex terrain while handling the present objects appropriately.

Sponsors: -

Team Information

Selection of scenario:

1. Reconnaissance and surveillance (Approach)
2. Camp security (RSTA)
3. Transport (Movements)
4. Mule
5. EOD (NBC, EOR)

Proof of citizenship: