Team Information

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

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 _X_ (Approach)
2. Camp security _X_ (RSTA)
3. Transport _X_ (Movements)
4. Mule _X_
5. EOD ____ (NBC, EOR)

Proof of citizenship: