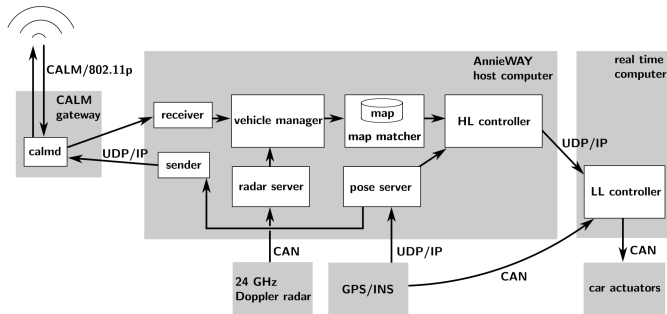


# Team AnnieWAYS entry to the Grand Cooperative Driving Challenge 2011

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- ▶ Presents the concepts and methods developed for the autonomous vehicle AnnieWAY, winning entry to the Grand Cooperative Driving Challenge of 2011
- ▶ Goal of cooperative driving is to improve traffic homogeneity using vehicle-to-vehicle communication to provide the vehicle with information about the current traffic situation
- ▶ Contributions:
  - ▶ Describes algorithms used for sensor fusion, vehicle-to-vehicle communication and cooperative control
  - ▶ Analyzes the performance of the proposed methods and compare them to those of competing teams