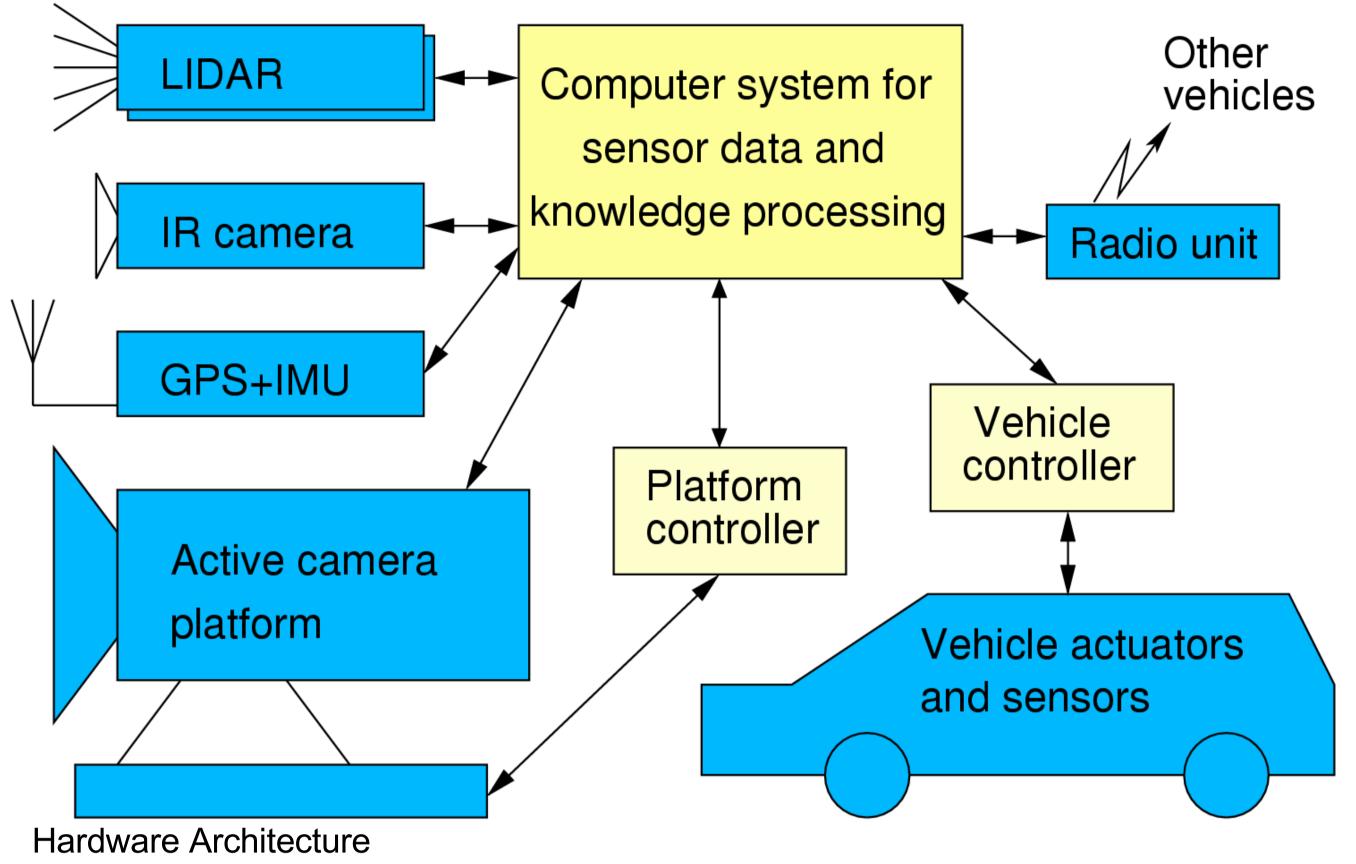
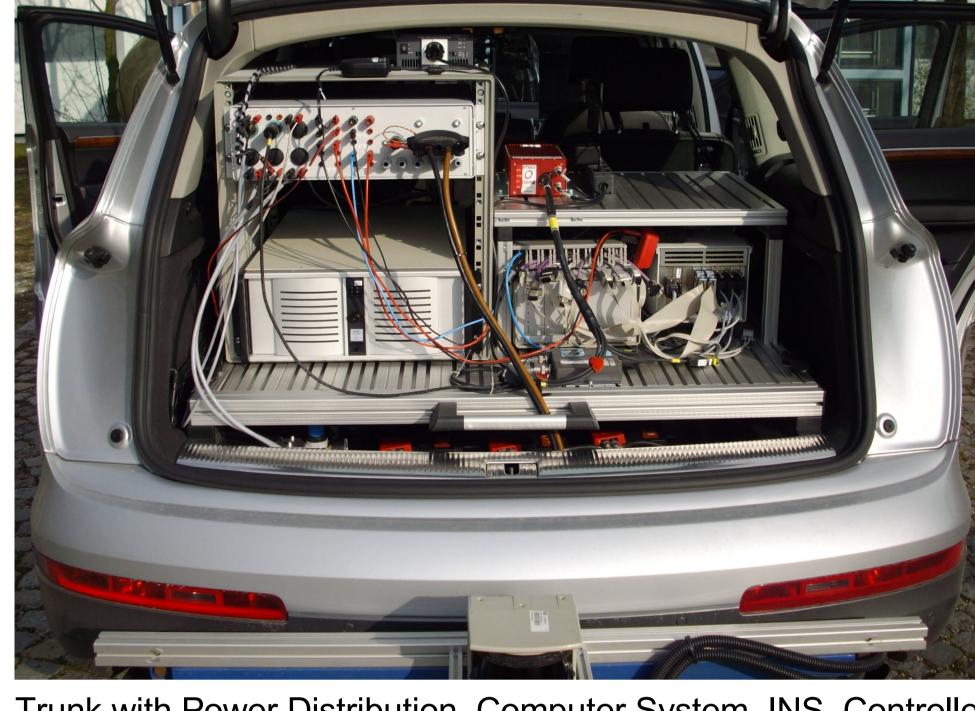


Design and Capabilities of the Munich Cognitive Automobile

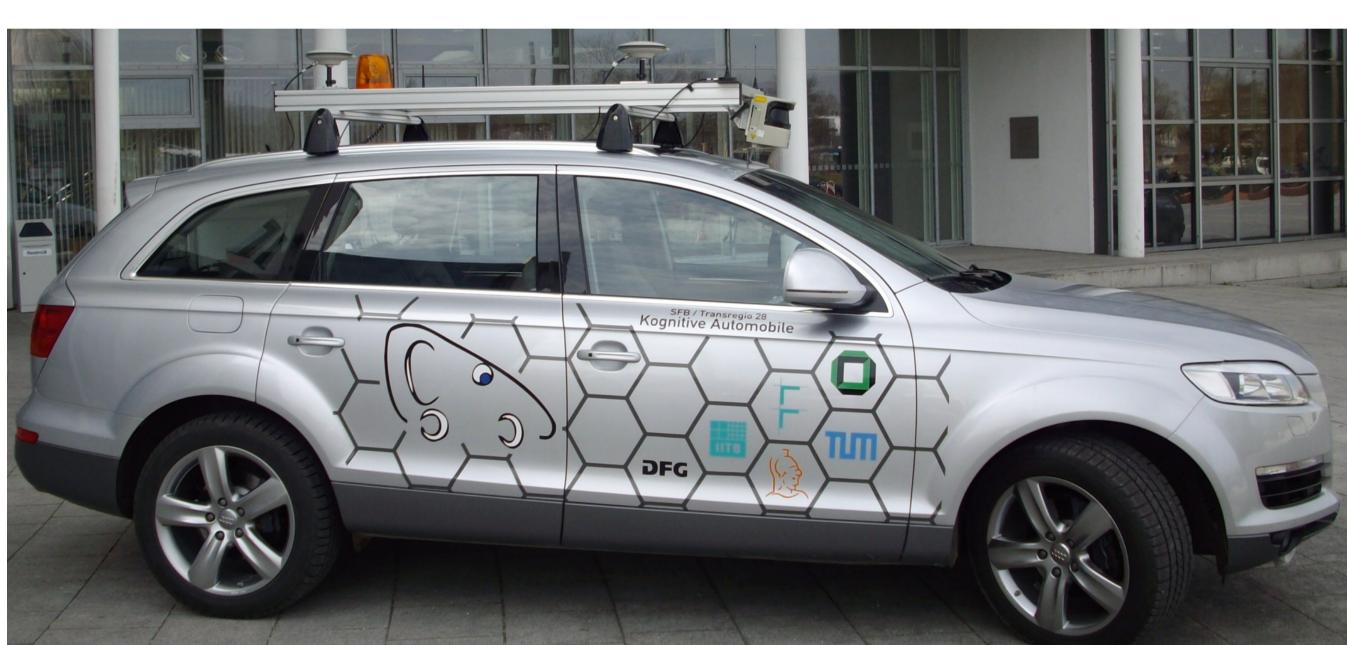
Matthias Goebl^(RCS), Matthias Althoff^(LSR), Martin Buss^(LSR), Georg Färber^(RCS), Falk Hecker^(TAS), Bernd Heißing^(FTM), Sven Kraus^(FTM), Robert Nagel^(LKN), Fernando Puente León Florian Rattei Rattei Martin Russ Michael Schweitzer Michael Thuy Cheng Wang Hans Joachim Wuensche

Vehicle and Hardware Architecture





Trunk with Power Distribution, Computer System, INS, Controllers



Experimental Vehicle: Audi Q7 (Diesel 3.0l, YOC: 2006)

Multifocal Active Camera Platform with Inertial Stabilization

Functional Architecture and Software Modules

