

Urban traffic related VACS – Driver assistance systems

| System | Description | Sources of info |
|---|---|---|
| Adaptive Cruise Control with Non-Motor-Vehicle detection (ACC-NMV) | Adaptive Cruise Control (ACC) plus Non-Motor-Vehicle (NMV) detection in urban environments | Milanes et al, 2012 |
| Advanced City Vehicle (ACV) | Car with driver assistance systems for partial automation and ability to operate automatically under some specialised conditions, such as platooning of empty vehicles without drivers behind a lead vehicle driven by a specially trained person | Shladover, 2012a |
| Automated Public Car (APC) | Concept combining self-service cars technology (e.g. CyberCars) and Personal Rapid Transit (PRT) technologies | Laugier et al, 2001 |
| CyberCar | Driverless low-speed vehicle operating within restricted environments (examples include Cycab, π Car, BS-car, etc.) | Laugier et al, 2001; Shladover, 2012a |
| GoogleCar | Driverless car fulfilling human transportation capabilities of a traditional car in an autonomous way | http://en.wikipedia.org/wiki/Google_driverless_car [accessed 11.03.2013] |
| Personal Rapid Transit (PRT) | Small vehicles operating between stations on special dedicated guideways; concept similar to the Automated Highway Systems but for urban environments. | Laugier et al, 2001; Marsden et al, 2002; Shladover, 2012a |