AMR 2021/22: Final Project Group Assignments

(supervisor name in parentheses)

FP1. Stochastic MPC for humanoid gait generation (F. Smaldone)
Baldisseri, Maiani, Ripamonti

FP4. Autonomous humanoid navigation in large-scale environments (M. Cipriano)
De Pucchio, Foderaro, Petri

FP5. Planning parking maneuvers for a car-trailer vehicle (T. Belvedere)
Maglianella, Nicoletti, Sorokoletova

FP6. Enforcing mobile robot safety under input constraints (T. Belvedere)
D'Orazio, Govoni, Riglietti

FP8. Comparing classic and primitive-based versions of kinodynamic RRT* (P. Ferrari)
Mattia, Proietti, Santilli

FP9. Grid-based path planning for a differential drive robot (G. Turrisi)
Lambertini, Landini, Lofrumento

FP10. Improving performance in humanoid walking using iterative learning (N. Scianca)
Argenziano, Colizzi Coin, Diaco

FP11. Safe navigation through Hamilton-Jacobi reachability analysis (V. Modugno)
Ficarola, Lo Porto, Migno