

AMR 2009/2010: Final Project Assignments

1. Bug Algorithms

Angela Faragasso, Federica Fieno, Flavia Schiavo

2. Exploration vs. Exploitation

Cristiano Gennari, Daniele Rigato, Simone Scardapane

3. Dynamic window approach for collision avoidance

Valsamis Ntouskos, Fabrizio Torani

4. D* vs A*

Taigo Maria Bonanni, Felix Burget, Martina Deturres

5. Range-only SLAM in Sensor Networks

Salvatore Caschera, Francesco Puja

6. Modeling and control of the Ballbot

Jacopo Capolicchio, Amalia Di Taranto, Emanuele Magrini, Riccardo Spica

7. Putting dynamics into motion planning

Not assigned

8. Feedback linearization for task-based control of robot teams

Raffaello Bonghi, Daniele Massa, Andrea Paga

9. Nonlinear control of a quadrotor UAV

Giovanni Mattei, Riccardo Sven Risuleo

10. Vision-based mutual localization in a robot team

Marco Cognetti, Valerio Virili

11. External visual localization of robot teams

Valerio Modugno, Francesca Possemato