AMR 2010/2011: Final Project Assignments

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1. Inequality constraints in kinematic control of redundant robots
(shared project with Robotics 2)
Filippo Maria Bianchi, Gabriele Gualandi (group 1)
Marco Imperoli (group 2)

2. Collision avoidance and reaction using Kinect
(shared project with Robotics 2)
Lidia Furno, Mauro Giampieri, Valerio Ortenzi (group 1)
Maurilio Di Cicco, Federica Montesanti, Jacopo Serafin (group 2)

3. Visual interception with the NAO humanoid
(shared project with Robotics 2)
Massimo Basile, Davide De Franceschi, Mario Fabrizi

4. Footstep planner for the NAO humanoid
Alberto Castaño Bardawil, Fabrizio Nenci, Valentina Negro Maggio

5. Joystick-based remote control of the NAO humanoid
not assigned

6. A comparison of WMR control approaches for stop-and-go motions
Nastaran Aghakhani, Milad Geravand, Navid Shahriari

7. 3D navigation for a quadrotor UAV
Davide Aversa, Vittorio Perera

8. Task-constrained motion planning for a snake-like robot
Anna Rita Mautone, Pouya Mohammadi, Giovanni Murru

9. Multi-robot navigation with connectivity maintenance
Not assigned