

## AMR 2012/2013: Final Project Assignments

### 1. Romeo model in V-REP (shared with Robotics 2)

group A: **Giacchè, Fioretti, Medeot**

group B: **Della Corte, Dimidov, Ferro**

lab supervisors: Cognetti, Flacco

### 2. Modeling robots in V-REP (shared with Robotics 2)

**Gonnelli, Napoli, Vitolo**

lab supervisors: Cefalo, Cognetti

### 3. Simulation of a fleet of WMRs (shared with Robotics 2)

group A: **Calabria, Carlucci, Pinto**

group B: **De Maio, De Mauri, Nicastro**

lab supervisor: Stegagno

### 4. On-line replanning for humanoid robots

Atzeni, Sebastiani

lab supervisor: Cognetti

### 5. Visual localization and control for aerial vehicles

Belli, Brandimarte, Ripanucci

lab supervisor: Rosa

### 6. Humanoid footstep planner for 2D obstacle avoidance

Aceto, Delli Bovi, Riccio

lab supervisor: Paolillo

### 7. NAO in V-REP

Lisi, Younes, Youssef

lab supervisor: Cognetti

### 8. 3D reconstruction from multiple robot views

not assigned

### 9. Object decomposition for grasping

Saeedan

lab supervisor: Cognetti

### 10. Monocular periodic motion estimation (shared with Medical Robotics)

**Albani, Lisi, Mohmad, Sarabakha**

lab supervisor: Vendittelli

### 11. Control of a steerable needle (shared with Medical Robotics)

**Ferranti, Gonnelli, Mattioni, Stephany**

lab supervisor: Vendittelli

### 12. Needle path planning (shared with Medical Robotics)

**Bella, Buondonno, De Simone, Patota**

lab supervisor: Vendittelli

### 13. Deployment of concentric tube robots (shared with Medical Robotics)

**Nardi, Natola**

lab supervisor: Vendittelli

names in **RED**: the project is valid also for Robotics 2

names in **BLUE**: the project is valid also for Medical Robotics

names in **GREEN**: the project is not valid for AMR