
MULTIAGENT SYSTEMS: Proposed Projects

*Robotic Soccer & Autonomous
Robotic Security and
Environmental Monitoring*

Robotic Soccer



Robotic Soccer



Robotic Soccer



Robotic Soccer



Robotic Soccer



Project Aims

- This research project aims at developing coordination and communication methodologies to enable teams of heterogeneous and autonomous robots, with different skills, and made by different manufacturers, to accomplish complex collective tasks, with emphasis on playing robotic soccer games.

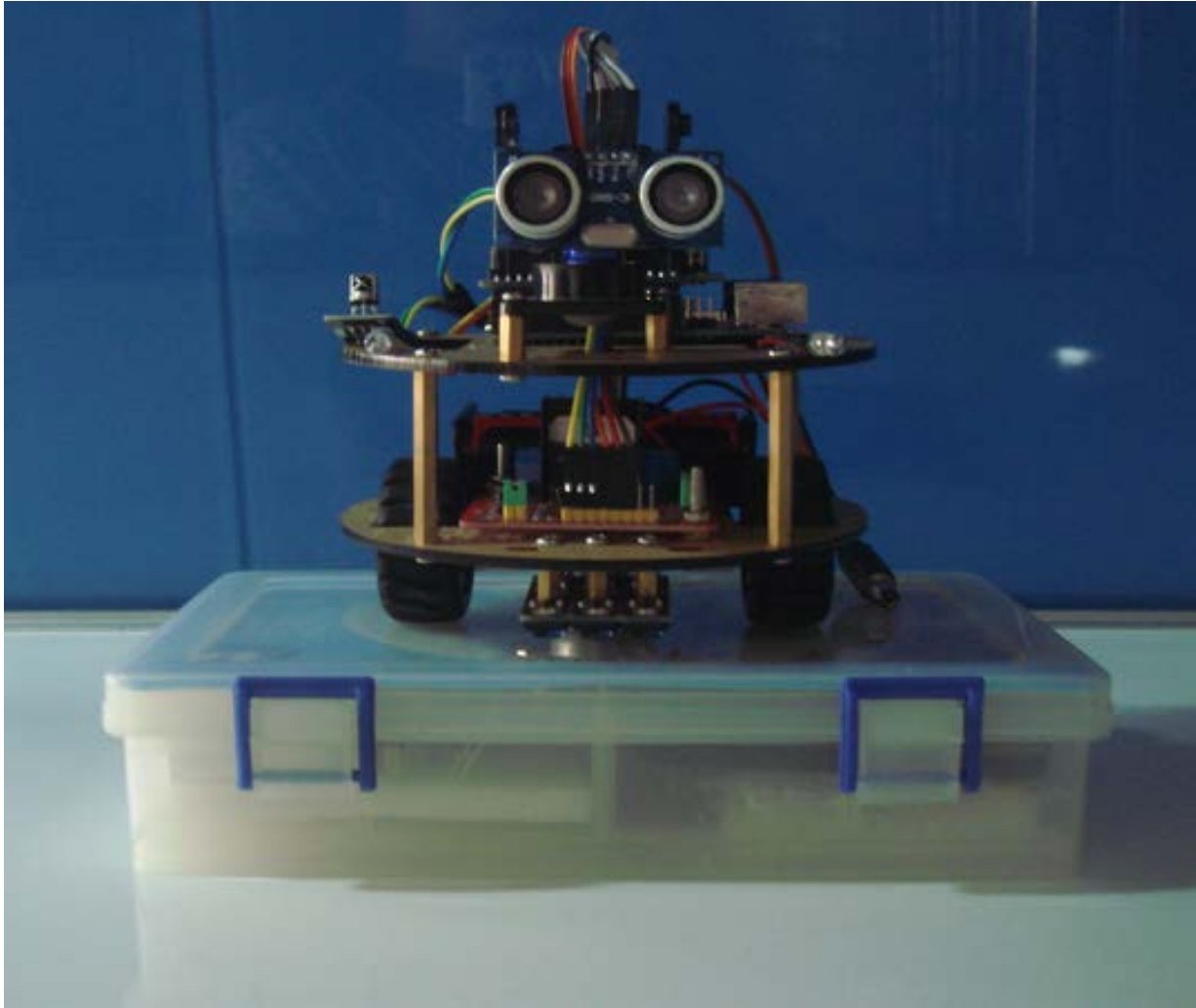
Autonomous Robotic Security and Environmental Monitoring



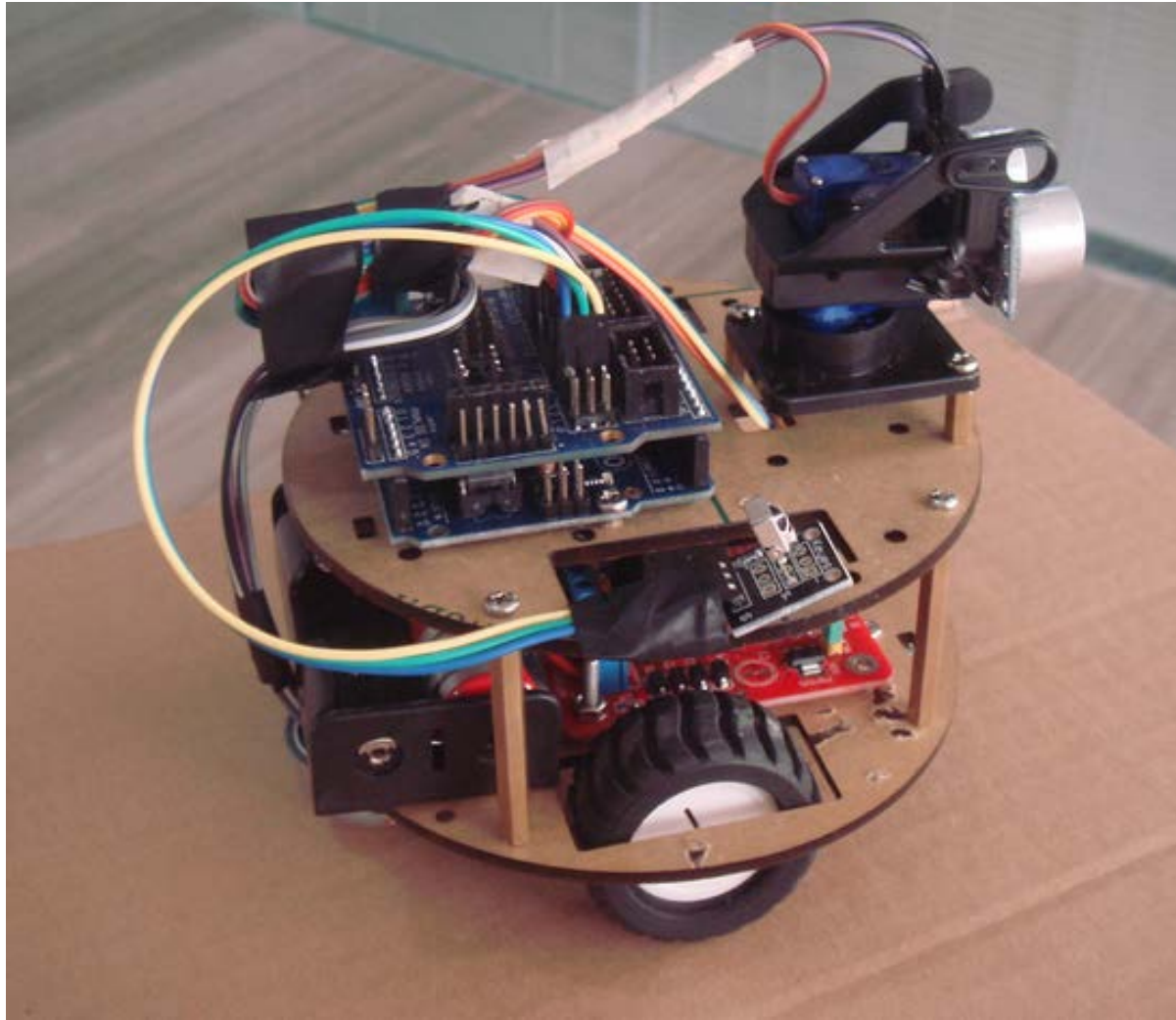
Project Aims

- Develop a set of relatively inexpensive general purpose robots to work in a shared human robot environment.
- The proposed test site is our classroom.
- The environment is relatively complex whilst still controlled.
- Robots must work alongside with students and assist with maintaining the security of the classroom.
- Respond to security alerts such as a fire alarm and check for strangers.

Our CSE304 Robots



Our CSE304 Robots



Our CSE304 Robots

