

# Team Information

Picture of vehicle:



*Superior terrain handling:* thanks to the "Flapper Wheel" design (Pat. Pending) the unit is capable of handling extreme obstacles that can be impossible even for much bigger robots (the unit was tested in the EIRob Non-Urban scenario and managed to cross the "Potato Field" obstacle which proved fatal to several bigger competitors).



[www.macrowiss.com](http://www.macrowiss.com)

Name of vehicle: Spyrobot 4WD

Picture of team leader:



Name of team leader:

Cino Robin Castelli

Team Name:

MACROSWISS

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# Team Information

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Team Description: The Macroswiss Spyrobot team is the official entry for the urban scenario of Macroswiss S.A.

Our vehicle is called “Spyrobot Mk II”. The unit is the evolution of our previous Spybot prototypes and the main changes from the previous platform are in the field of ruggedness and tossability. Another major change is in the battery system (from Lithium Ions to Lithium Polymers) and the innovative traction system.

Project Spyrobot is aimed at producing a compact, low cost, user friendly, modular, tossable, remotely-operated Unmanned Ground Vehicle for use in urban conditions.

The unit must be able to relay video information from areas in which the operator does not, or cannot, go personally and must be capable of handling all the typical obstacles that are to be expected in such an environment as well as having a minimal level of weaponization (ideally equipped with Less than Lethal Weapons).

Sponsors: None (factory entry)

Selection of scenario: urban

exhibition