

# Team Information

## Siralab

Picture of vehicle:



Name of vehicle: SR-H3

Picture of team leader:



Name of team leader: Giorgio Belloni

Team Name:	Siralab
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# Team Information

## Team Description:

The Siralab Team is a Siralab Robotics S.r.l. entry into the ELROB2008. The Team is composed of roboticists (university researchers), electronic engineers and technicians. Siralab Robotics S.r.l. is a SpinOff company of the University of Perugia. Our vehicle is called "SR-H3" and is a mini UAV (Unmanned Aerial Vehicle). It is an electrical powered, fixed wing tail-less aircraft with 1kg payload capacity. Payload can be: a photcamera or a gimbal stabilized videocamera or a thermocamera. The vehicle is controlled by our Autopilot SR-H3000. The vehicle incorporates measurements from GPS, IMU, Pitot, Altimeter and others. The aircraft is continuously monitored and controlled by Ground Control Station which can send to him waypoints, path, and others commands. The operator also can directly control the installed payload. UAV Range is about 15 km and autonomy is 1 h. Vehicle applications are: rapid reconnaissance, automatic patrolling, aerial photography and video, aerial thermography, national security, dangerous areas reconnaissance (radiation risk, toxic gas, explosions or contagions), atmospheric and ambiental parameter monitoring, military tactical missions, lost research and many others.

## Sponsors:

contacts in progress...

## Selection of scenario:

1. Reconnaissance and surveillance \_\_\_
2. Camp security X
3. Transport \_\_\_
4. Mule \_\_\_
5. EOD \_\_\_

## Proof of citizenship:

A copy of team leader picture ID.

A copy of team leader passport will do.