

ARLISS 2010

Tokyo University of Science

Kimura Laboratory ~Coniglio~

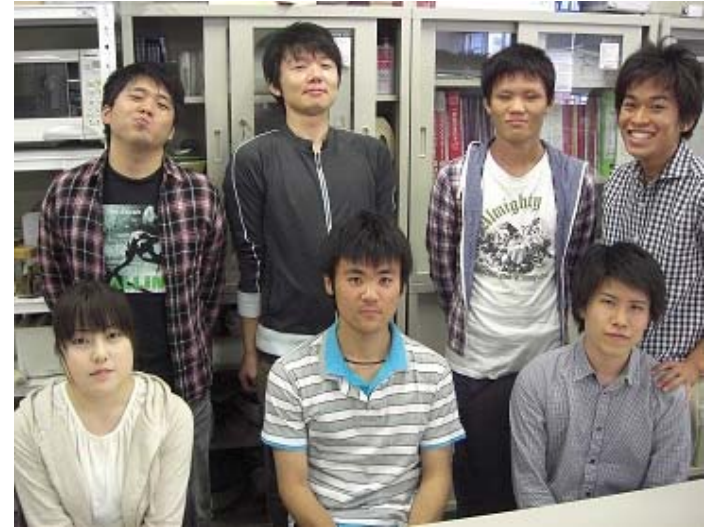
Agenda



- 1.Member
- 2.Mission
- 3.About CANSAT
- 4.Results

1. Member

- Yoshihiro Kasuya(B4) : PM,C&DH,Camera
- Yushi Maruyama(B4) : Structure
- Yuwa Sassa(B4) : Structure
- Yuhei Aoki(B4) : Control(runback)
- Masahiro Tsukamoto(B4) : Communication
- Koji Yamada(M1) : ???
- Toshikazu Takahashi(M2) : Power supply



2.Mission



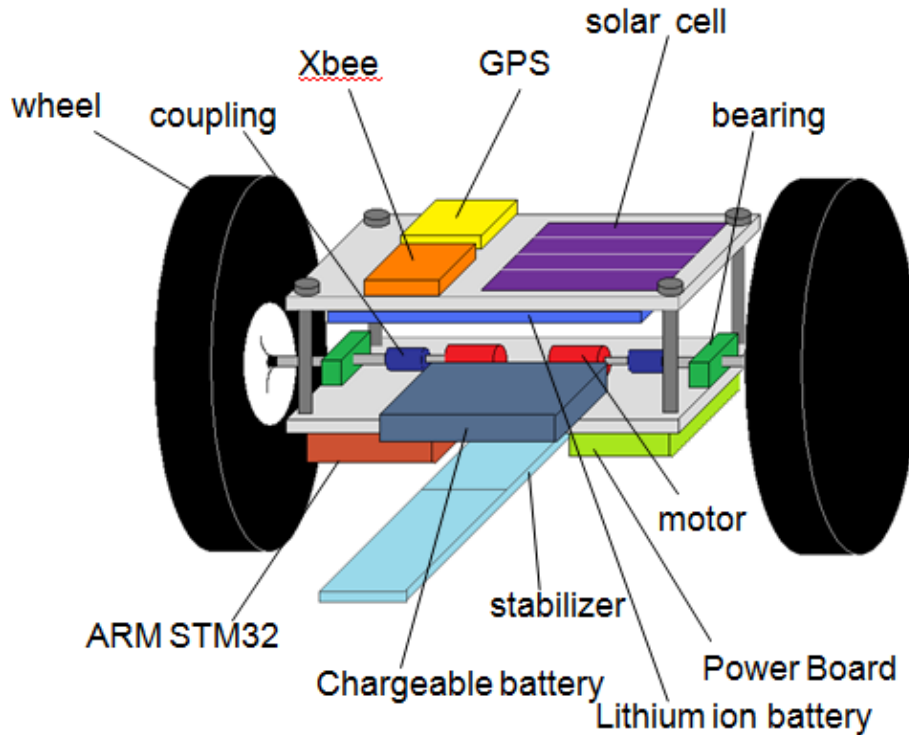
Main mission

- Run back

Sub mission

- Get an image with camera
- Check the amount of solar power
- Downlink images and GPS data

3.About CANSAT



Size	230mm × φ140mm
Weight	1020g
Running Speed	7.58km/h
Running Time	1.9h

- The motor is controlled by PWM.
- We navigate CANSAT to the target with GPS data.

6.Results

First try

Failed : Free fall

Because the string of parachute snapped.



Second try

Failed : Didn't run

Because the string of parachute became tangled in wheels.

Thank you.