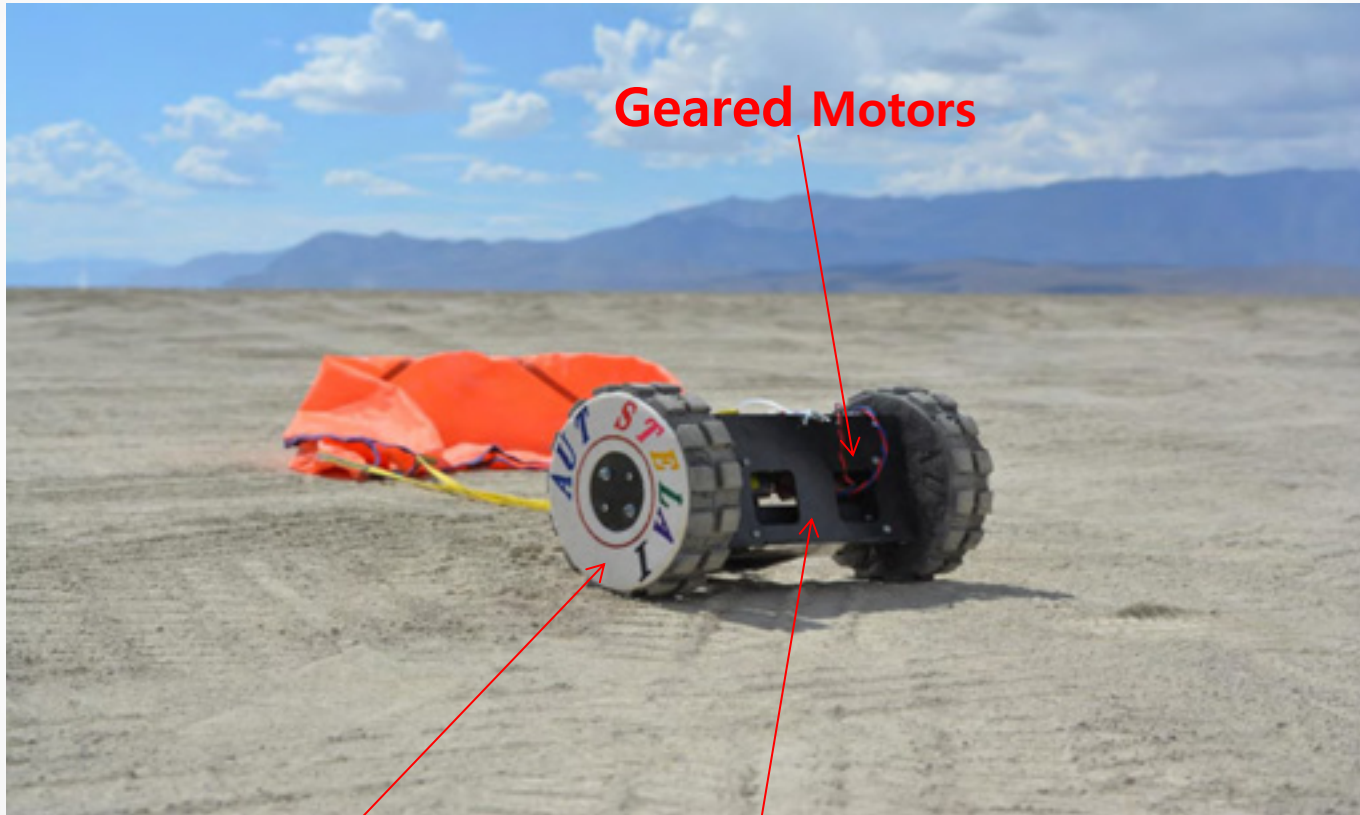


# ARLISS2013



Aichi University of Technology  
Team : STELA I

# Rover structure



wheels

CarbonFRP body



# Rover structure

OpeAmp

Microcomputer H8/3694

relay

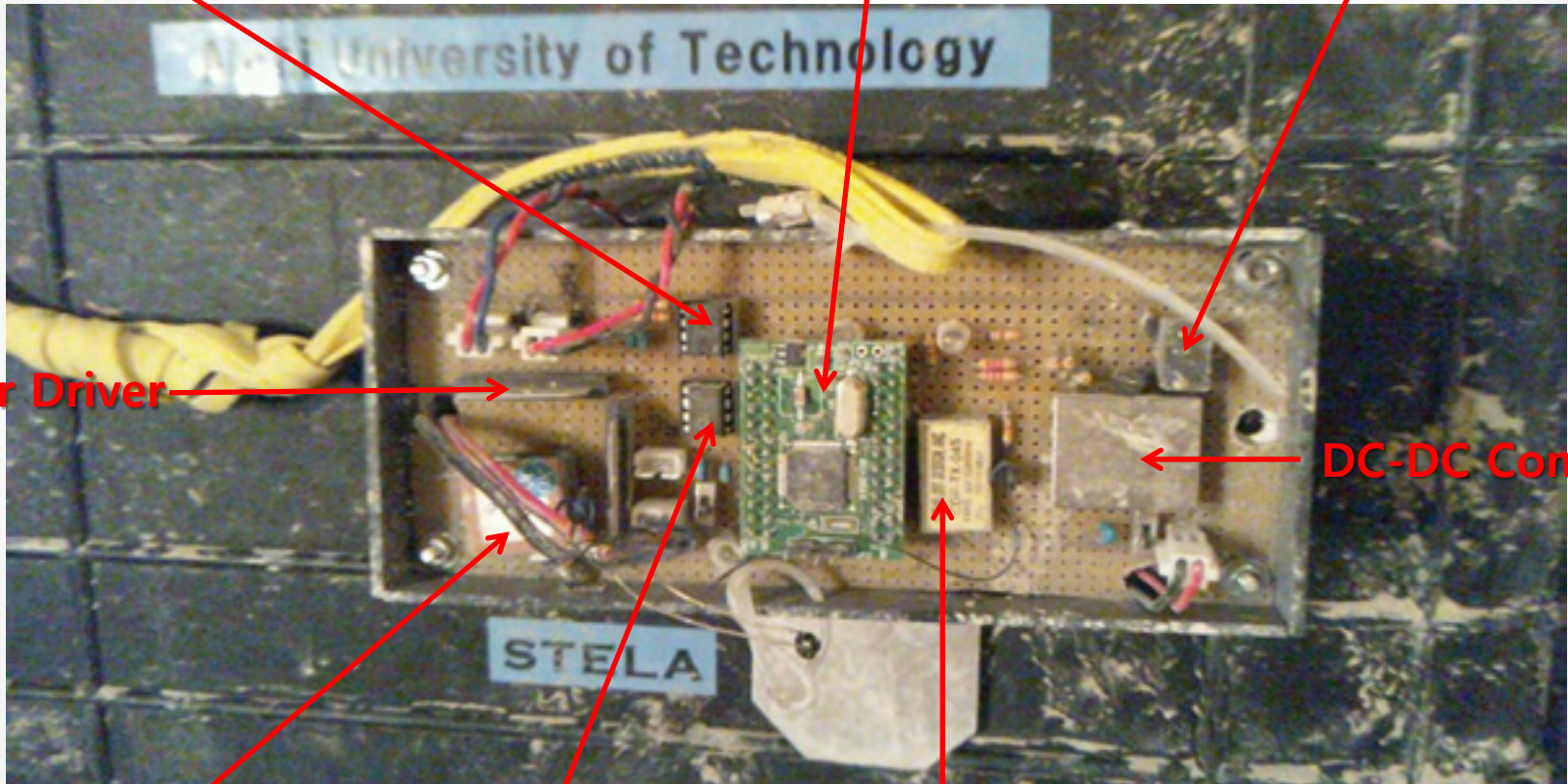
Motor Driver

DC-DC Converter

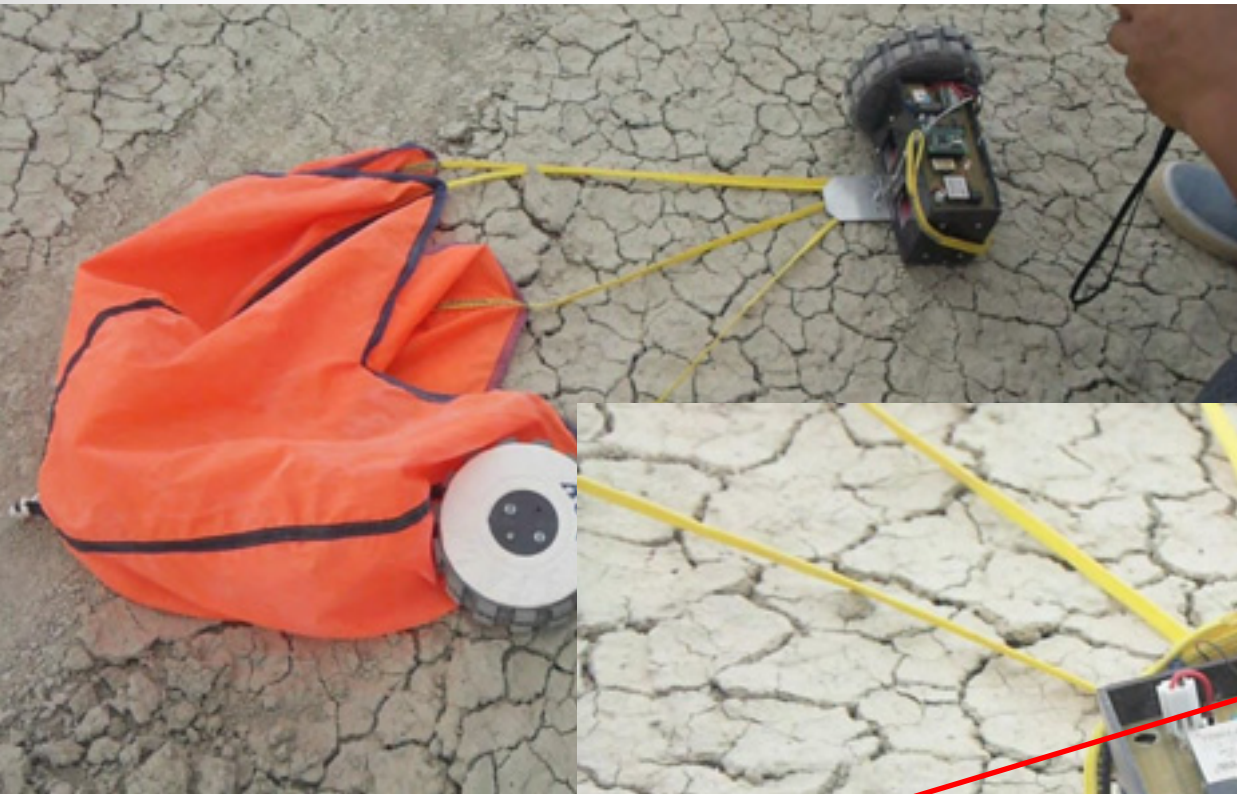
GPS

EEPROM

Wireless RF



# Result of 1<sup>st</sup> Trial

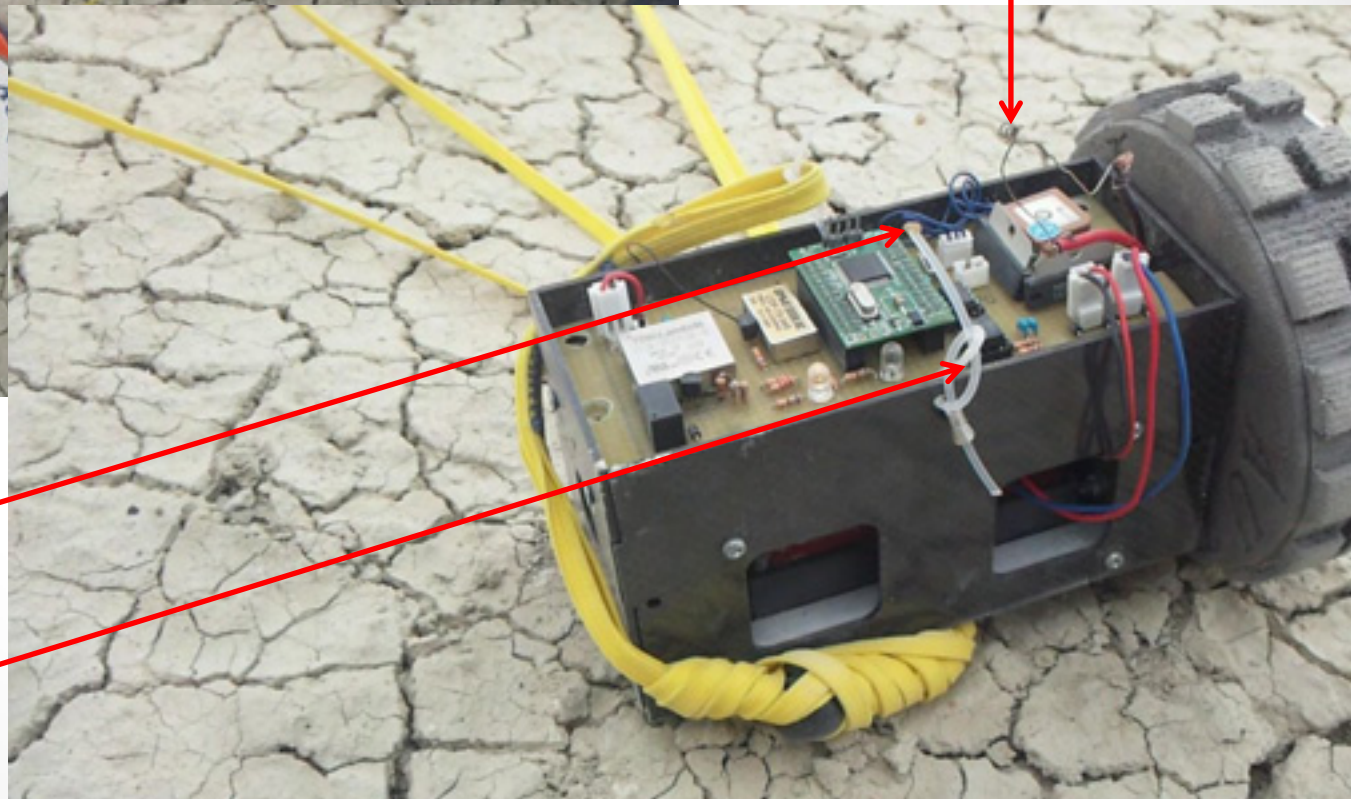


Nichrome wire



snapped

Nylon wire





# Result of 2<sup>nd</sup> Trial



# Result of comeback competition

## **1<sup>st</sup> trial** (2012/9/11)

⇒ Parashout release was successful but one motor had damage and one wheel was come out by landing shock.  
And Rover running was stoped.

## **2<sup>nd</sup> trial** (2012/9/12)

⇒ Rover landing was successful with no damage.  
but unfortunately big storm was come arrive and Rover was moved away by strong wind.  
Finally Rover was rotated many times and Wheals was come out. And we gave up competition.

Thank You Very Much  
All Aero Pac Members!

