

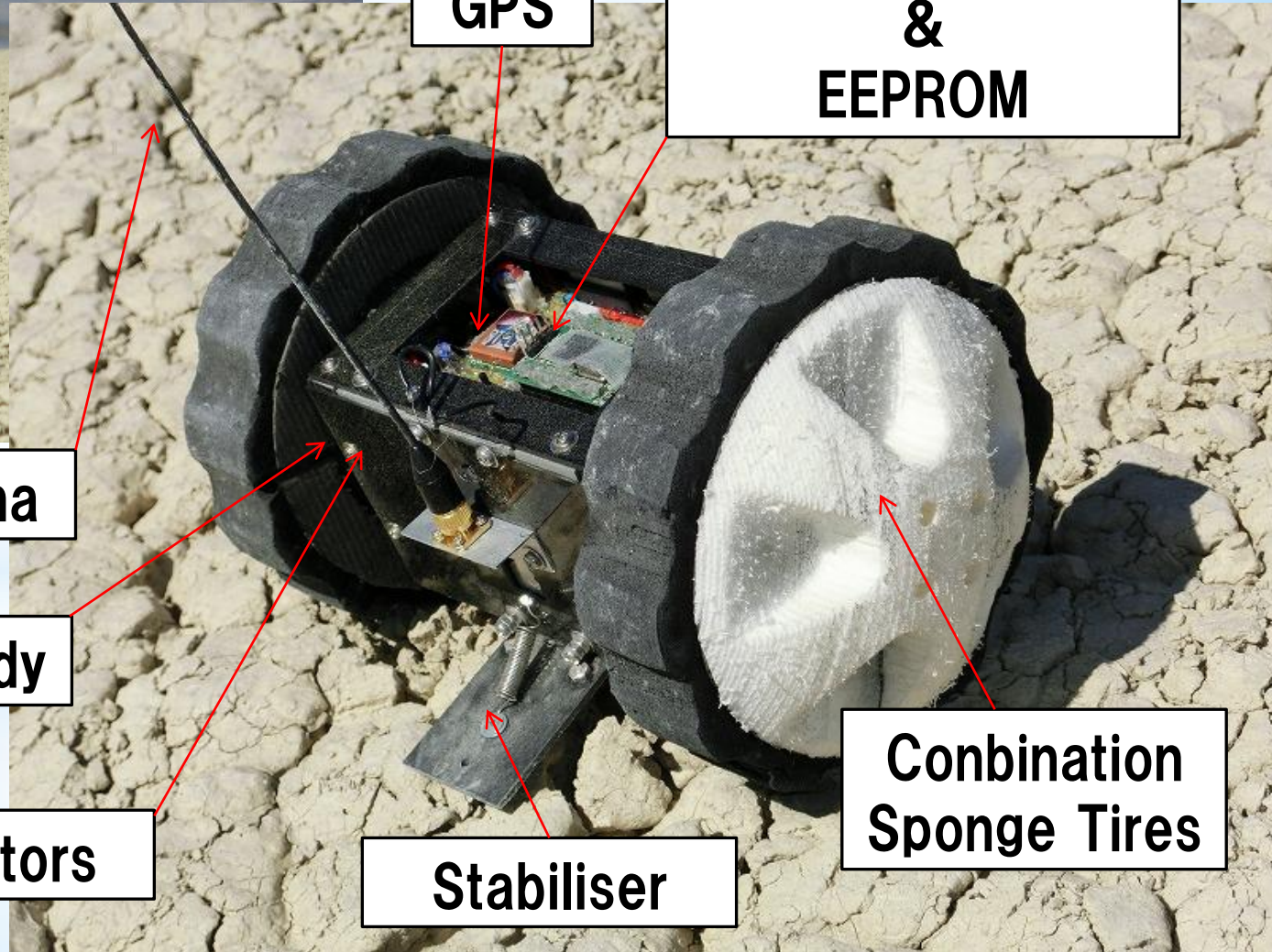
# Aichi University of Technology

## Team: STELA I



**Comeback competition**

# Robber structure



GPS

H8  
Micro Computer  
&  
EEPROM

RF Antena

CFRP Body

Geared Motors

Stabiliser

Combination  
Sponge Tires

# Result of comeback competition

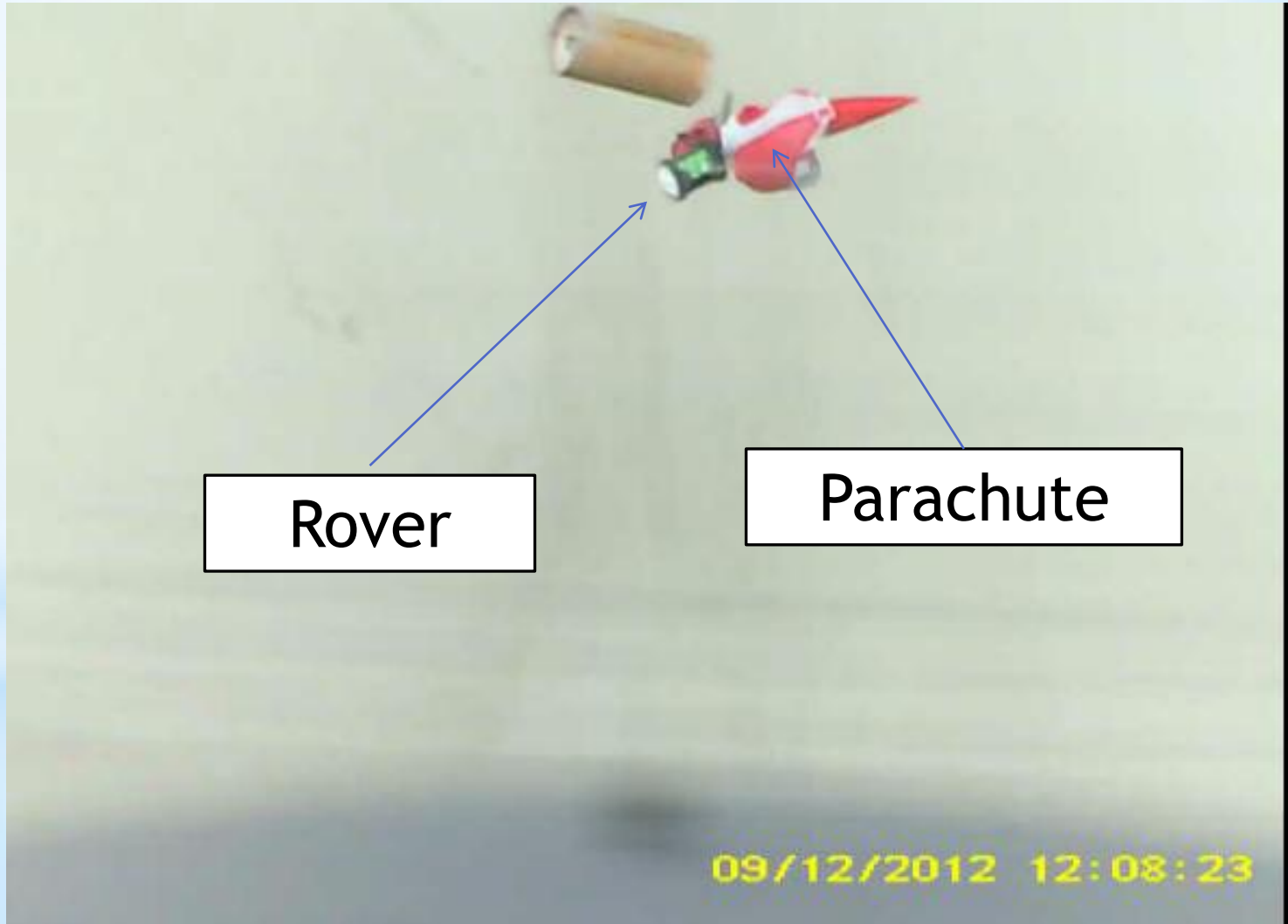
## **1<sup>st</sup> trial (2012/9/10)**

⇒ Free fall :Breakaway of parachute  
No damage! Tough body

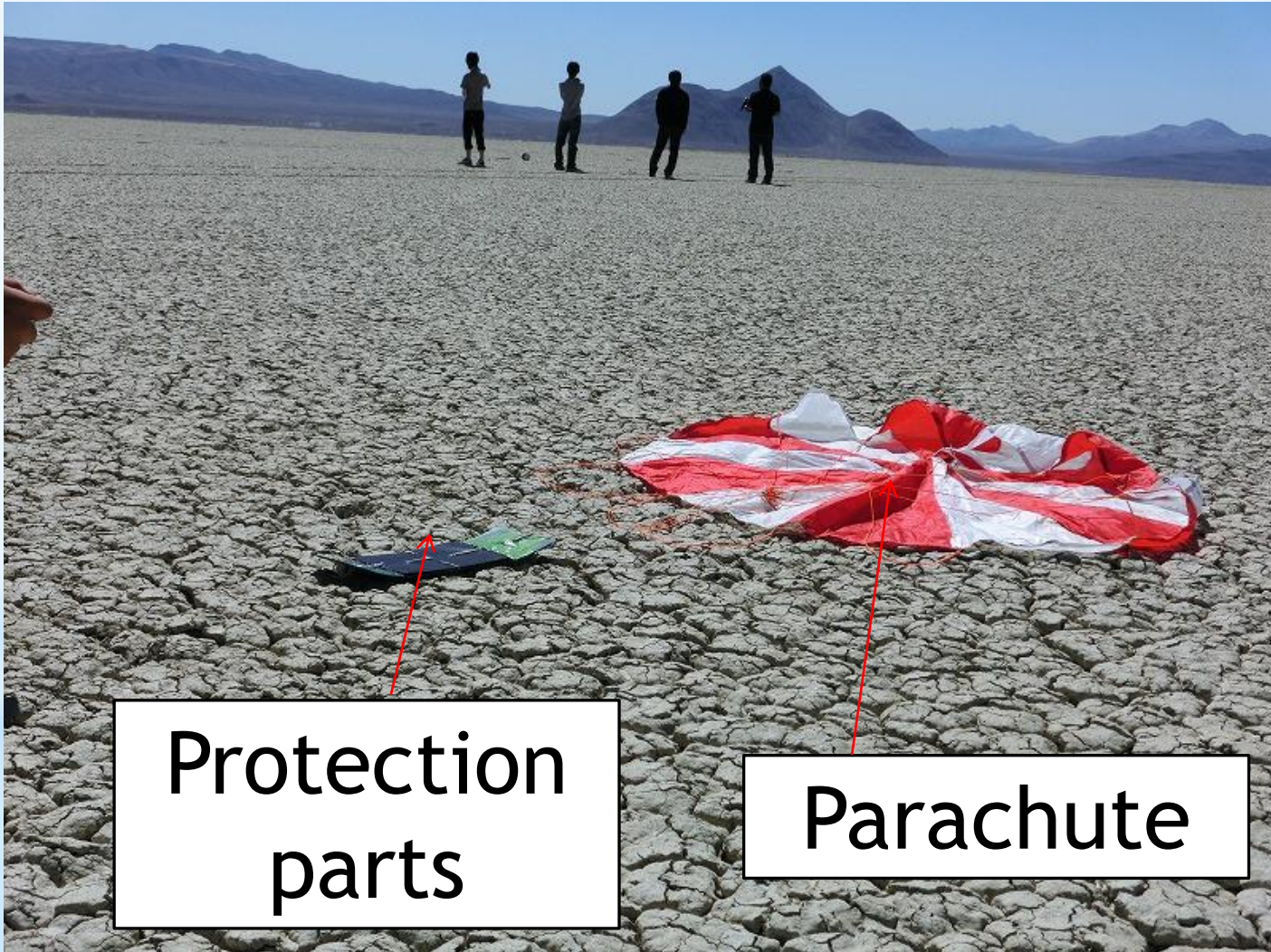
## **2<sup>nd</sup> trial (2012/9/12)**

⇒ Landing and controlled moving  
⇒ Retire by release of wheel hub  
**Distance to target = 2730m**

# Rober release from rocket



# Releas from parachute



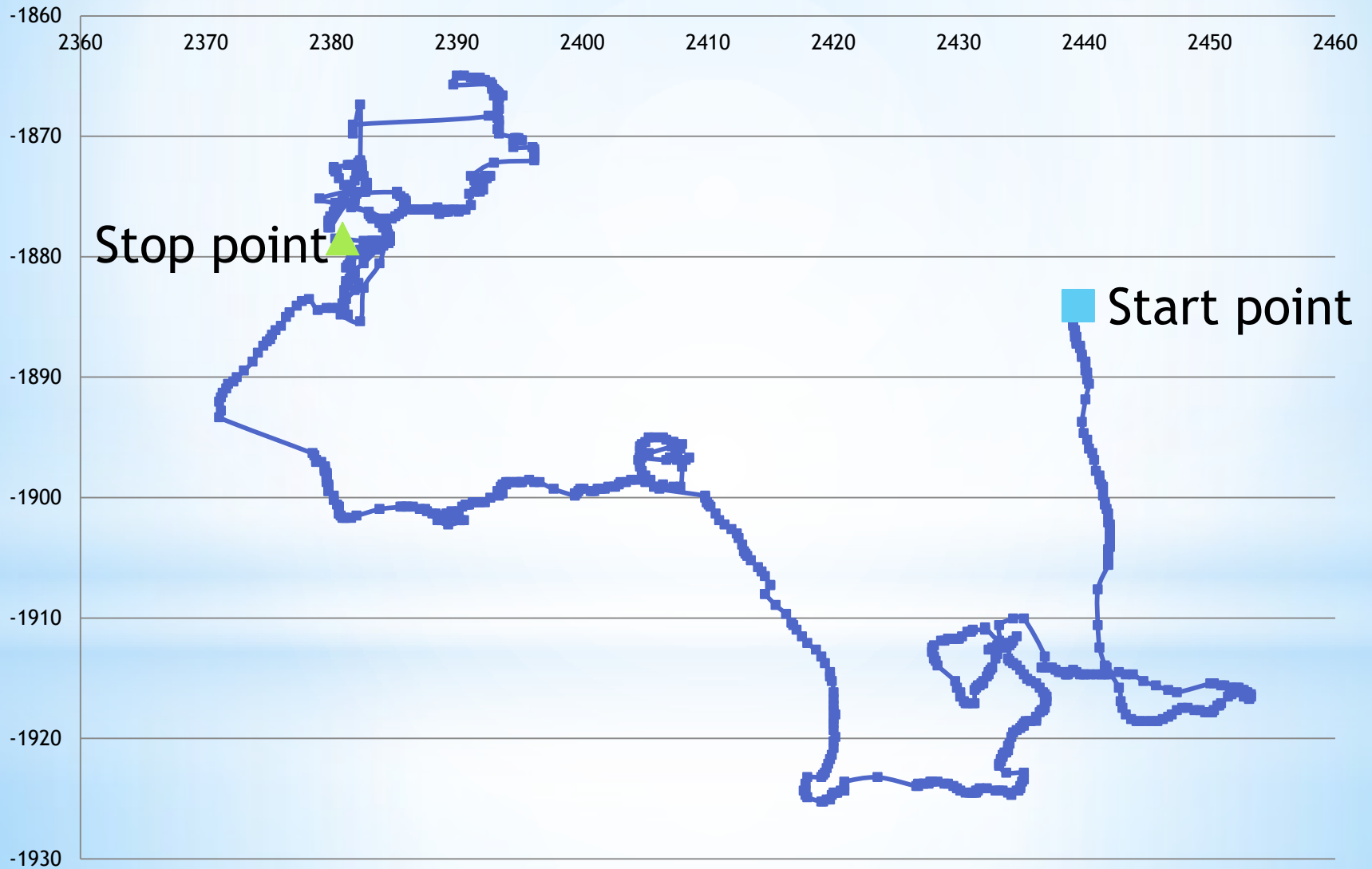
Protection  
parts

Parachute

# Selfcontrolled moving



# Rober trace

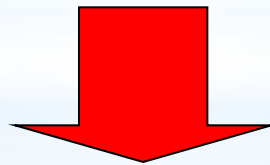


# Result outline of ARLISS trial

Successful of parachute design

Successful of rober body design

Successful of selfcontrolled moving



Accuracy of rover control must be improved



Thank You Very Much  
All AeroPac Members!



