

Development of CanSat

-----Tokyo Denki University CanSat / team F-----



Kazuhiro AOKI (Tokyo Denki University)

0. OUTLINE

- 1. INTRODUCTION
- 2. OUR CanSat
- 3. APPRECIATION

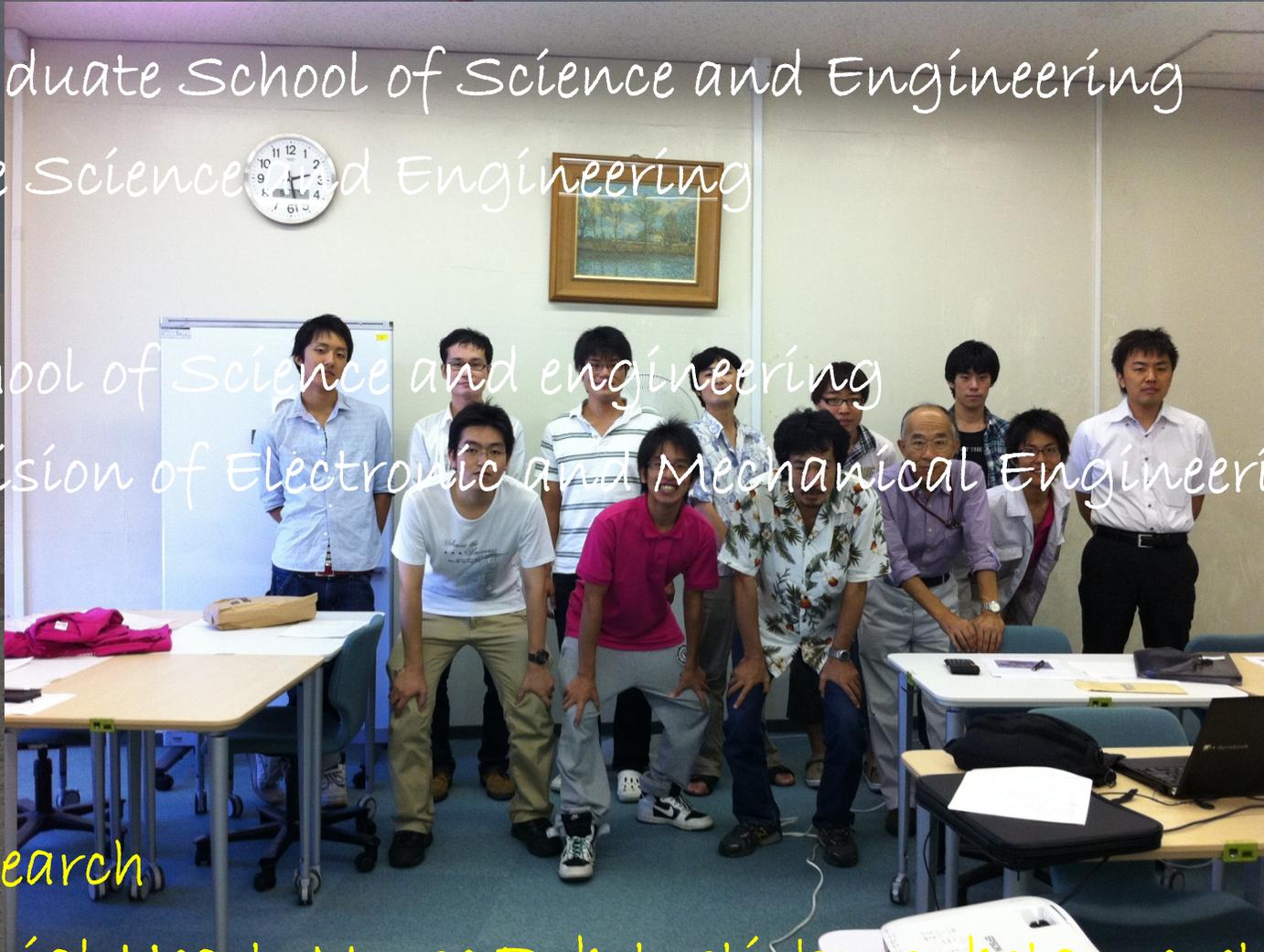


1. TEAM INTRODUCTION

- Graduate School of Science and Engineering
- Life Science and Engineering
- School of Science and Engineering
- Division of Electronic and Mechanical Engineering

➤ Research

Artificial Heart, Nurse Robot, sticky substance, etc...



2. OUR CanSat

2-1. OUR Mission

➤ **FULL SUCCESS**

: Getting the soil

➤ **MINIMUM SUCCESS**

: Open the original parachute

: Make a movie



2. OUR CanSat

2-2. BODY

Get The Soil System

Original tire

9degree sensor
(angular accelerometer,
terrestrial magnetism,
Gyro)

GPS

Micro SD card

wireless device
(MU-2)

Original body rubber
for stop

Original foil

Original parachute



2. OUR CanSat

2-3. AS A RESULT

➤ 1st lunch

FREE

FALL...



➤ 2nd lunch

LOST...



3. APPRECIATION

➤ Thanks for supporting us.

➤ Mr. Richard Hagen

➤ Mr. Dave A. Raimondi

➤ Mr. Allen J. Palmer



TEAM INTRODUCTION

- **KAZUHIRO AOKI** PROJECT LEADER
- **RYOTA SATO** 2nd PROJECT LEADER
- **SATOSHI TATEYAMA** MECHANISUM DESIGNER
- **TAKESHI MATSUMOTO** COMMUNICATION SYSTEM
- **TAKAHISA NAGAI** SD CARD SYSTEM
- **YUKI KURAHASHI** GYRO SENCER SYSTEM
- **SHUNICHI HAYASHI** GYRO SENCER SYSTEM
- **YOSHIHIRO MIYAZAWA** parachute SYSTEM