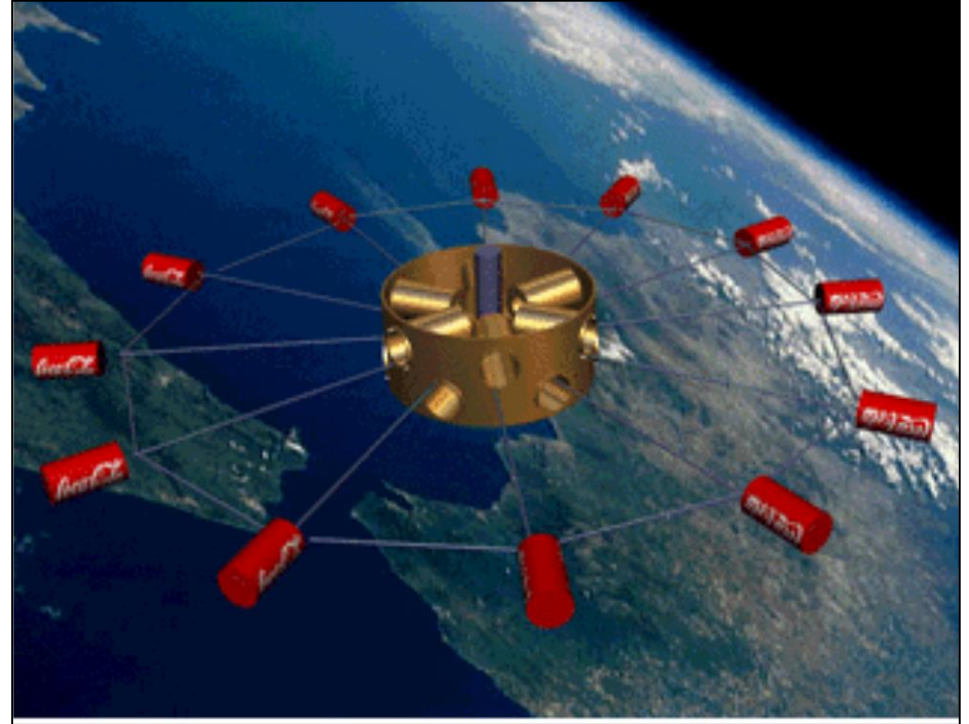




**UNISEC-GLOBAL**  
*-Opening Remarks-*

*Shinichi Nakasuka*  
*University of Tokyo*

# Birth of CanSat USSS (Hawaii Meeting) in 1998



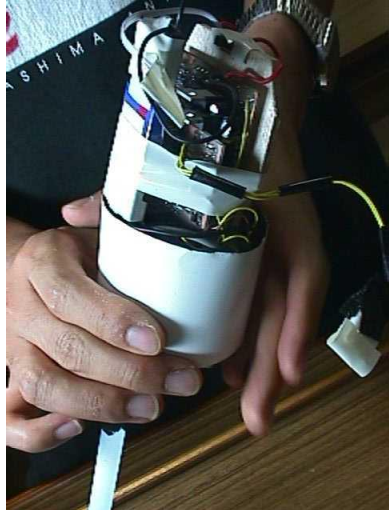
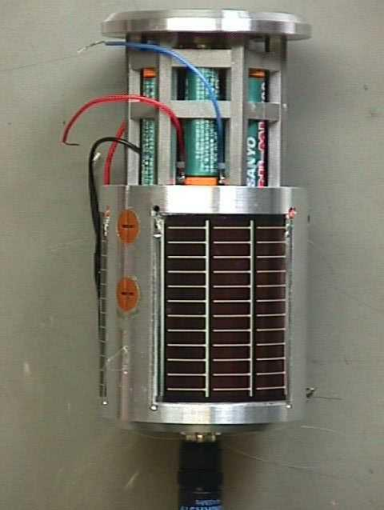
Initial Concept of CanSat  
Joint operation in the next USSS (1999)

“Let’s make a satellite out of this Coke-can !!”

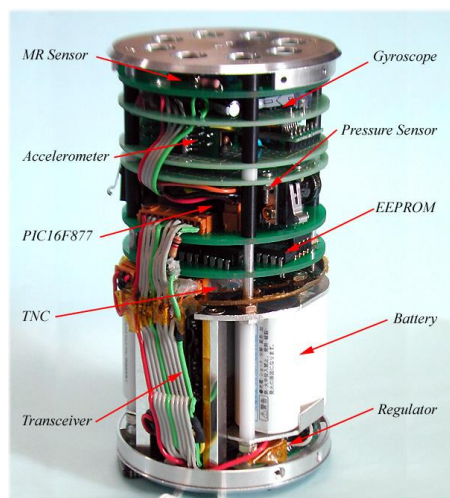
*Prof. Bob Twiggs, Stanford University*

1999 University of Tokyo  
CanSat Team





# Initial Training for satellite development CanSats 1999 - now





“First voice” reception of the world first CubeSat in 2003

# CubeSat/Micro-Sat Fleet by The University of Tokyo

Capacity Building  
Support Projects

**13**  
Satellites Launched

**5**  
Satellites will be  
launched soon

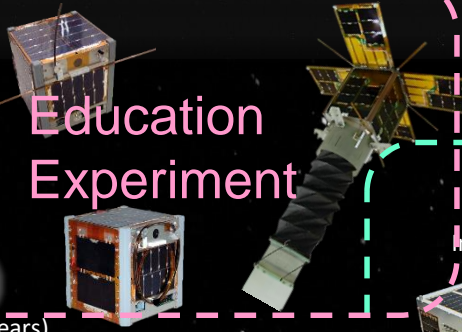
**16**  
Years of In-orbit  
Satellite Operations

**104**  
Students Graduated

**Education Experiment**

**XI-IV (2003)**  
In operation (16 years)

**XI-V (2005)**  
In operation (14 years)



**Earth Observation**

**PRISM (2009)**  
In operation (10 years)

**HODOYOSHI 1, 3, 4 (2014)**  
In operation (5 years) Collaborator: Axelspace, NESTRA



**Deep Space Missions**

**MicroDragon (2019)**  
In operation (0.5 years)  
Collaborator: VNSC




**Space Science**

**Nano-JASMINE**  
Awaiting launch  
Collaborator: NAOJ



**Technology Demonstration**

**TRICOM-1R (2018)**  
End of operation (0.5 years)  
Collaborator: JAXA



**Entertainment**

**RWASAT-1 (2019)**  
Will be launched in 2019  
Collaborator: Rwanda



**Deep Space Missions**

**PROCYON (2014)**  
End of operation (3 years)  
Collaborator: JAXA



**Technology Demonstration**

**AQT-D (2019)**  
Will be launched in 2019  
Collaborator: UT-SPL



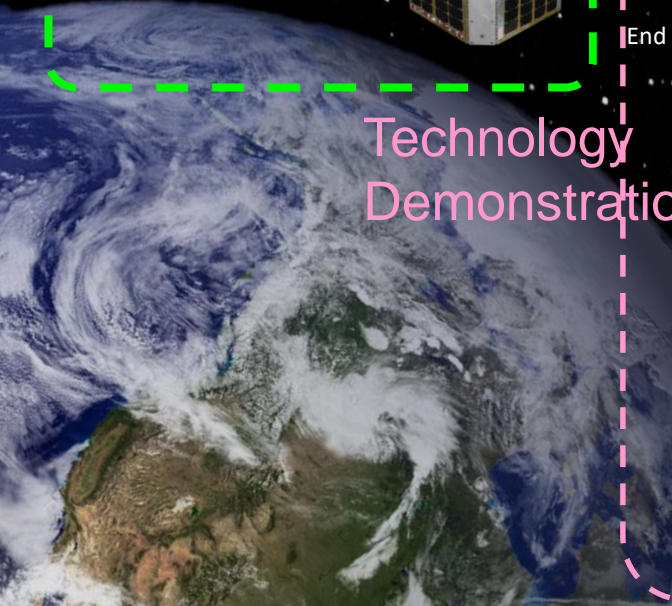
**Entertainment**

**G-Satellite**  
Will be launched in 2020  
Collaborator: TOCOG, JAXA



**Deep Space Missions**

**EQUULEUS**  
In development  
Collaborator: JAXA

# Messages

「千里の道も一歩から」

**“A journey of a thousand miles  
begins with a single step”**

「先入観を捨てよ」

**“Get rid of your preconception.”**