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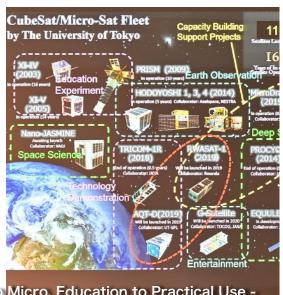
## Day 1

Keynote
Groupe Discussion
Sponsor / Exhibitor Presentation
Panel Discussion

















### **GROUP DISCUSSION**









Group 7: How can space technology contribute to improving the accuracy of prediction for natural disasters? Quentin Verspieren, The University of Tokyo



Makoto Kanazawa,



### **GROUP DISCUSSION**

Space Situational Awarene military uses of space









### **BREAKOUT SESSION**









**BREAKOUT SESSION** 









### **BREAKOUT SESSION**







### SPONSOR / EXHIBITOR PRESENTATION









### **SPONSOR / EXHIBITOR PRESENTATION**



# PANEL DISCUSSION HOW CAN SPACE TECHNOLOGY SOLVE DROUGHTS AND FLOODS? MODERATOR: SHINICHI NAKASUKA, THE UNIVERSITY OF TOKYO











## Day 2

Regional Report from Point of Contact part 1

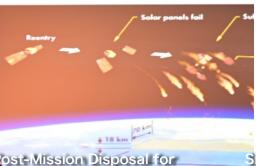
Panel discussion "Gender Equality in the space"

ISU-UNISEC Collaboration night

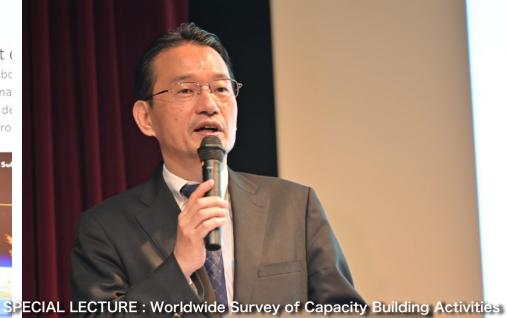


### Re-entry Survival

- Four primary characteristics that (
  - ✓ Material: typically aluminum and circuit bc
  - ✓ Mass: under 100kg (for microsats and sma
  - ✓ Construction: no hardened or especially de
  - ✓ Re-entry Trajectory: due to contraction fro



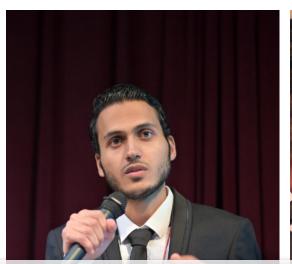
Yasuyuki Miyazaki, Ni<mark>hon University</mark>



Mengu Cho, Kyushu Institute of Technology



## Module 4: **Popularization** VP1: Experimentarium VP2: Outreach





### REGIONAL REPORT FROM POINT OF CONTACT

Bulgaria Plamen I. Dankov, Sofia University

Egypt : Mohamed Magdy, Cairo University on behalf of Ayman

Kassem, Cairo University





### **UNISEC Italy**

April 2019

Pre-assembly of LEDSAT PFM



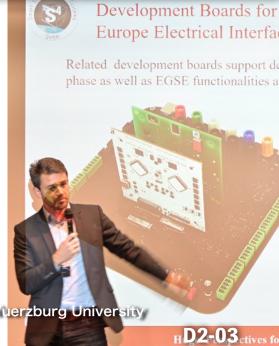
Participation into the ESA Am workshop

Italy: Fabio Santoni, University of Rome la Sapienza

### **REGIONAL REPORT FROM POINT OF CONTACT**









#### **CPUT**

#### ZACube-2

Members

NUST

Angola NOSA

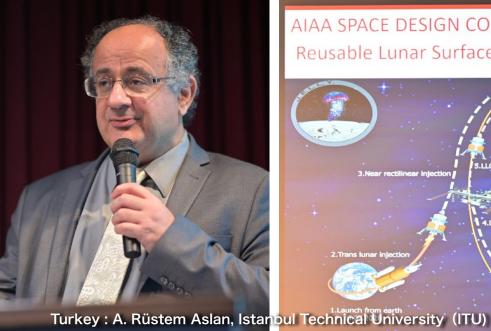
Southern Africa and

- Launched 27 December 2017
- · Successfully commissioned and open ground station with back up support Spaceteg and SANSA
- The 3U CubeSat is a technology demi payloads:
  - · Software define radio AIS receiv
  - · Novel K-line medium resolution
- · Stellenbosch University supplied the
- · MDASat-1 (maritime domain awarer
- · Constellation of 3x 2U CubeSats that
- · Provide AIS services for vessel tracking

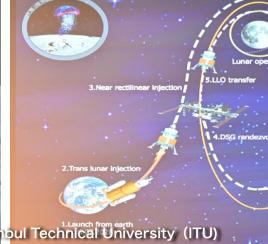
Both missions are funded by the South A







AIAA SPACE DESIGN CONTEST Reusable Lunar Surface Acces



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### REGIONAL REPORT FROM POINT OF CONTACT





### story of Local Chapter Activities

#### ned in June 2019

#### il members

Iniversity of the Philippines Diliman loly Angel University

#### ibership processing

Iniversity of Perpetual Help ar Eastern Air Transport (FEATI) ebu Technological University



Philippines: Paul Jason Co, University of the Philippines-Diliman (UPD) reserved



### Department of Space S

- Formed from merger of Grad Institute of Space Science & E with Dept. of Atmospheric Sc Space Undergraduate Division
- · Allocated student body:
- · Emphasis:
  - Space weather & environme
  - Space Systems Engineering
  - Satellite & Sounding Rocket



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## PANEL DISCUSSION ON "GENDER EQUALITY IN THE SPACE FIELD" MODERATOR: ALICE PELLEGRINO, CANON ELECTRONICS INC.

























### ISU - UNISEC COLLABORATION NIGHT



















## Day 3

The 6th Mission Idea Contest for Achieving
Sustainable Development Goals with Human
Spaceflight



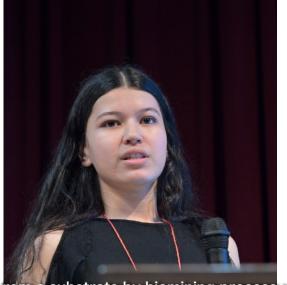


### **MIC6 CATEGORY: ISEEP**









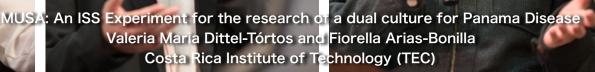




### **MIC6 CATEGORY: ICECUBES**













### **MIC6 CATEGORY: ICECUBES**











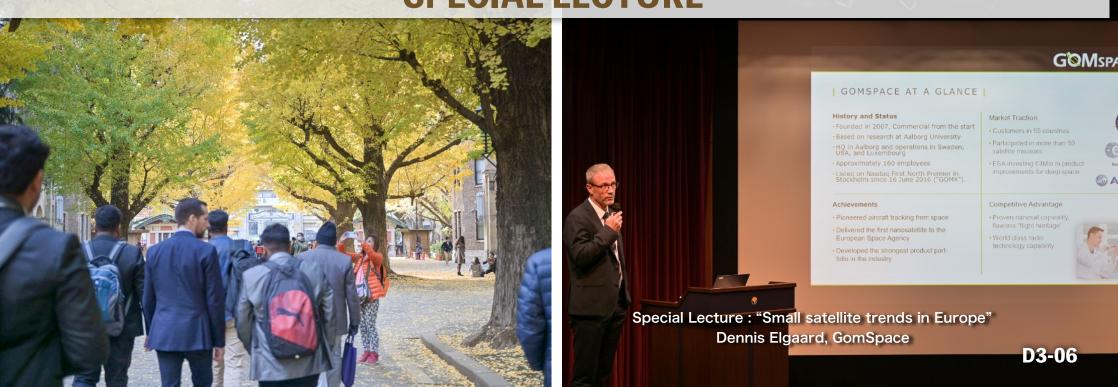
### **MIC6 CATEGORY: ICECUBES**



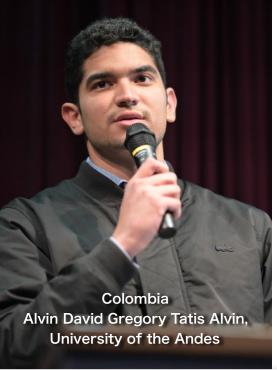


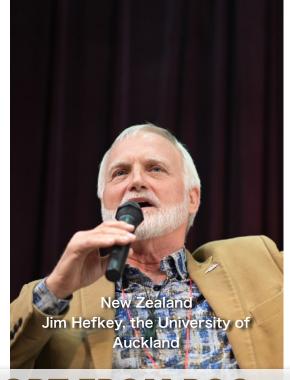


### SPECIAL LECTURE











### **REGIONAL REPORT FROM POC**





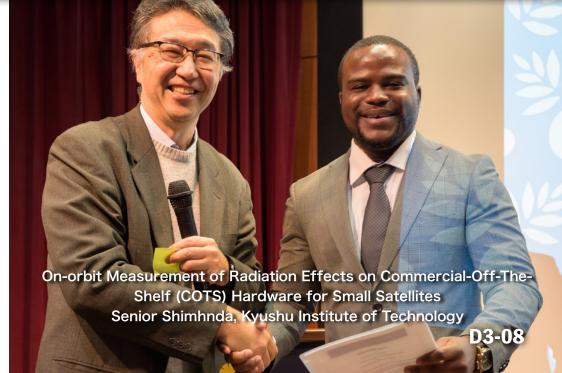




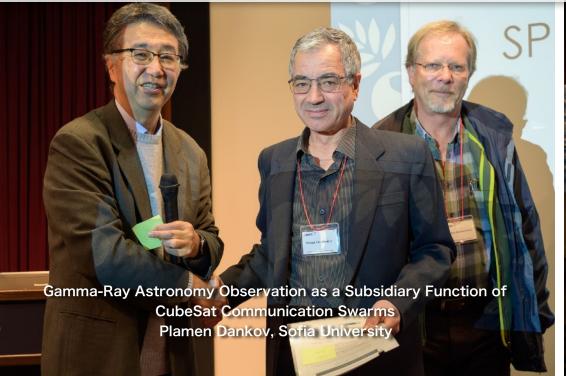














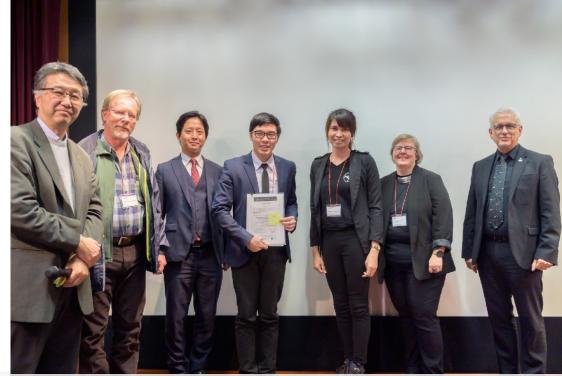






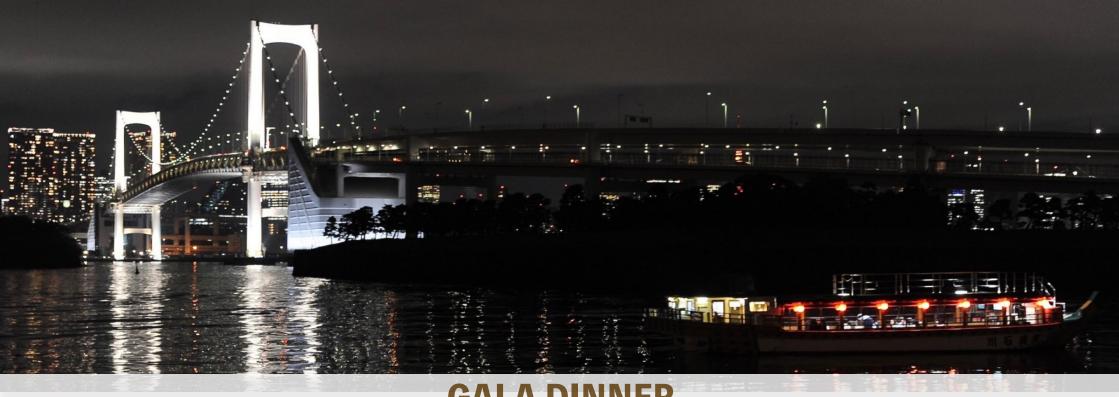


















## Day 4

Group Discussion Final Presentation
Students Representative Presentation
Closing Ceremony









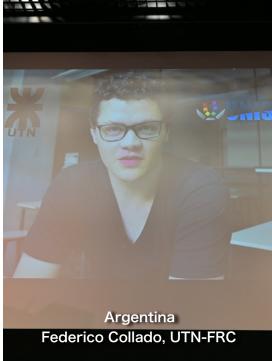
### **GROUP DISCUSSION FINAL PRESENTATION**



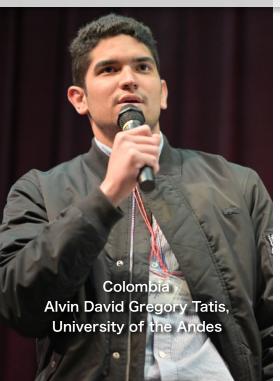








### STUDENT REPRESENTATIVE PRESENTATION

















### STUDENT REPRESENTATIVE PRESENTATION



Malaysia
Farah Hanum Mohd Fadzil,
University of Science Malaysia











**ACKNOWLEDGEMENT OF NEW LOCAL CHAPTERS** 







### Closing Remarks

- Space project is never realized without international collaborations
  - Mutual relationships with trust is important!
  - Strengthening our community is essential
  - Know-who network
- Please use the UNISEC contests for getting funds from your government and industry
- Try to realize at least one project discussed
   UNISEC-GLOBAL community

### **CLOSING CEREMONY**



