

**KYUSHU INSTITUTE OF TECHNOLOGY**  
Laboratory of Lean Satellite Enterprises and In-Orbit Experiments

# **POST-GRADUATE STUDY ON NANO-SATELLITE TECHNOLOGY (PNST) AT KYUTECH**

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*World Space Week 2021 - Women in Space*

Fatima Gabriela Duran Dominguez

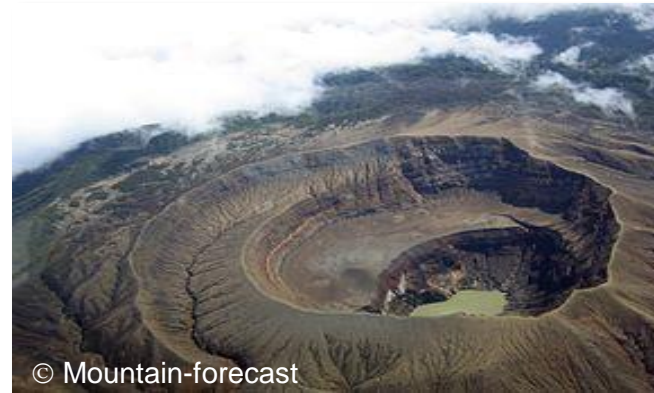
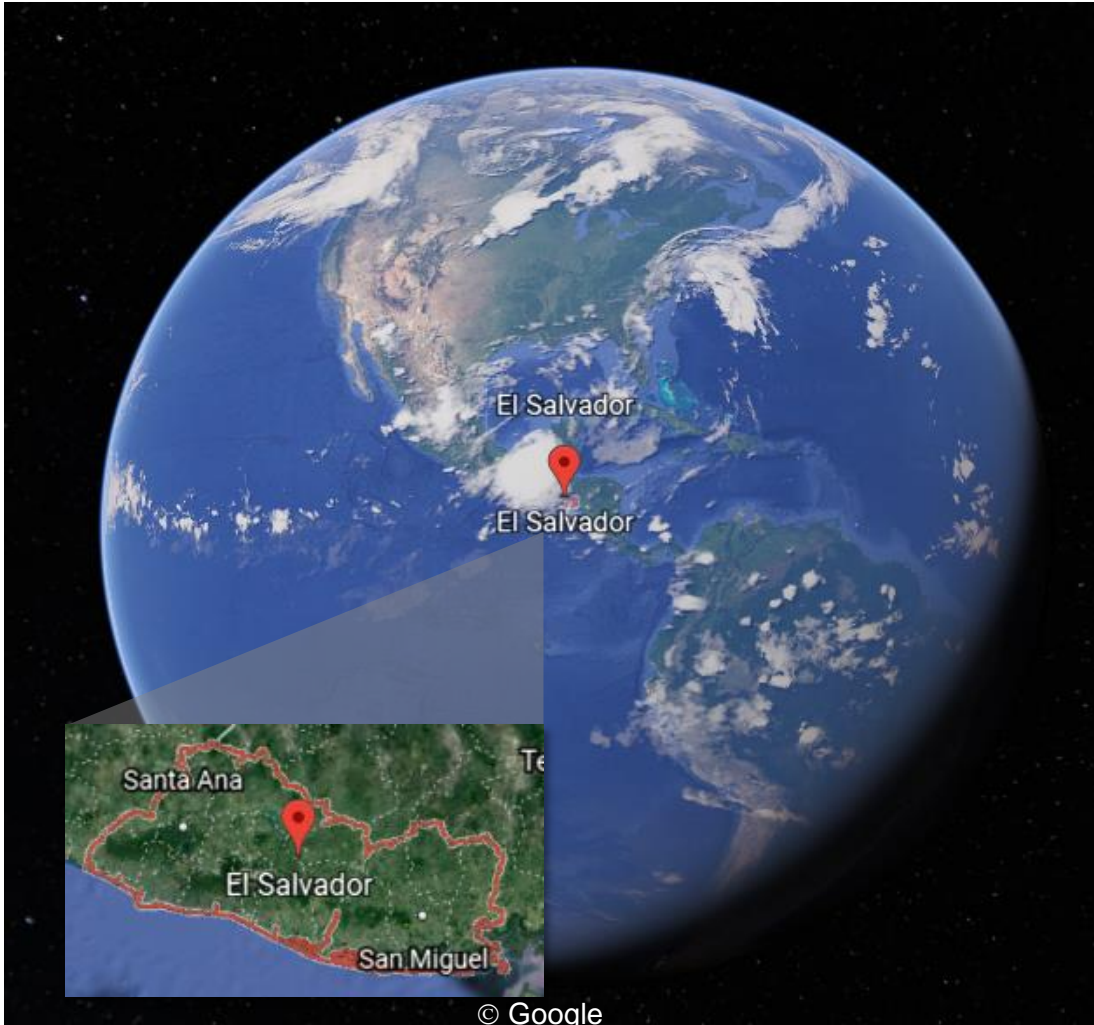
October, 7<sup>th</sup>

2021

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# 1. ABOUT EL SALVADOR



Santa Ana Volcano or Ilamatepec



Coatepeque Lake



Night view of Historic Center of San Salvador



Coffee plantations around in Apaneca



Total area: 21,040 km<sup>2</sup>  
Population: 6,702,000 (2019 est.)  
Capital: San Salvador  
Official language: Spanish

## 2. ABOUT ME...



2013 – 2015

Aircraft Maintenance Technician  
Universidad Don Bosco  
El Salvador



2016 – 2020

BSc. Aerospace Engineering  
Pusan National University  
South Korea



Kyutech

2020 – 2022

MSc. Electrical and Space Systems  
Engineering  
Kyushu Institute of Technology  
Japan

Space Generation Advisory Council

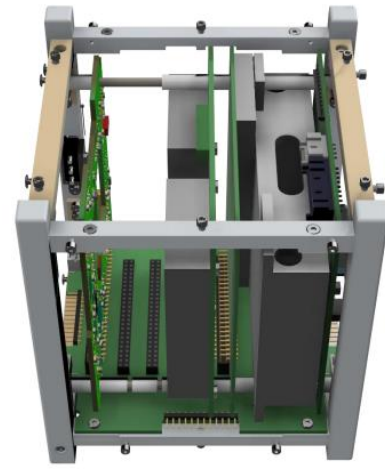
National Point of Contact for El Salvador

### 3. PNST/SEIC PROGRAM AT KYUTECH

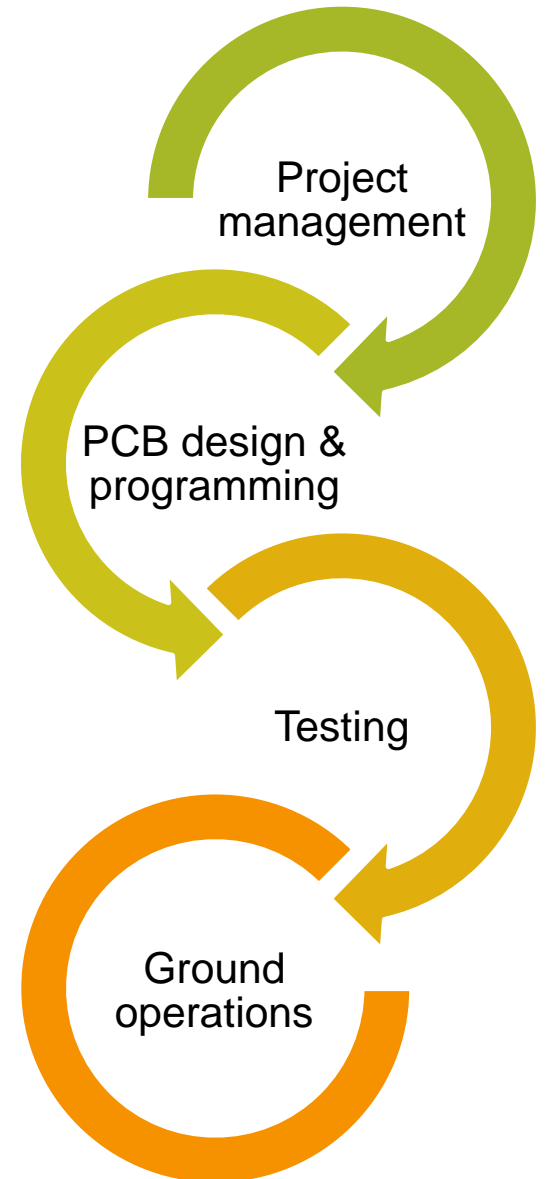


#### Space Engineering International Course (SEIC)

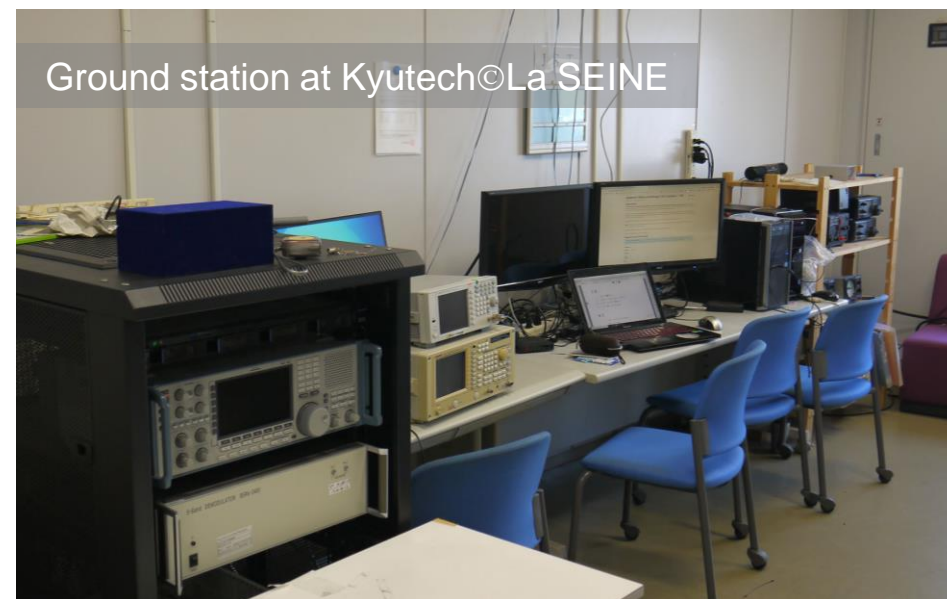
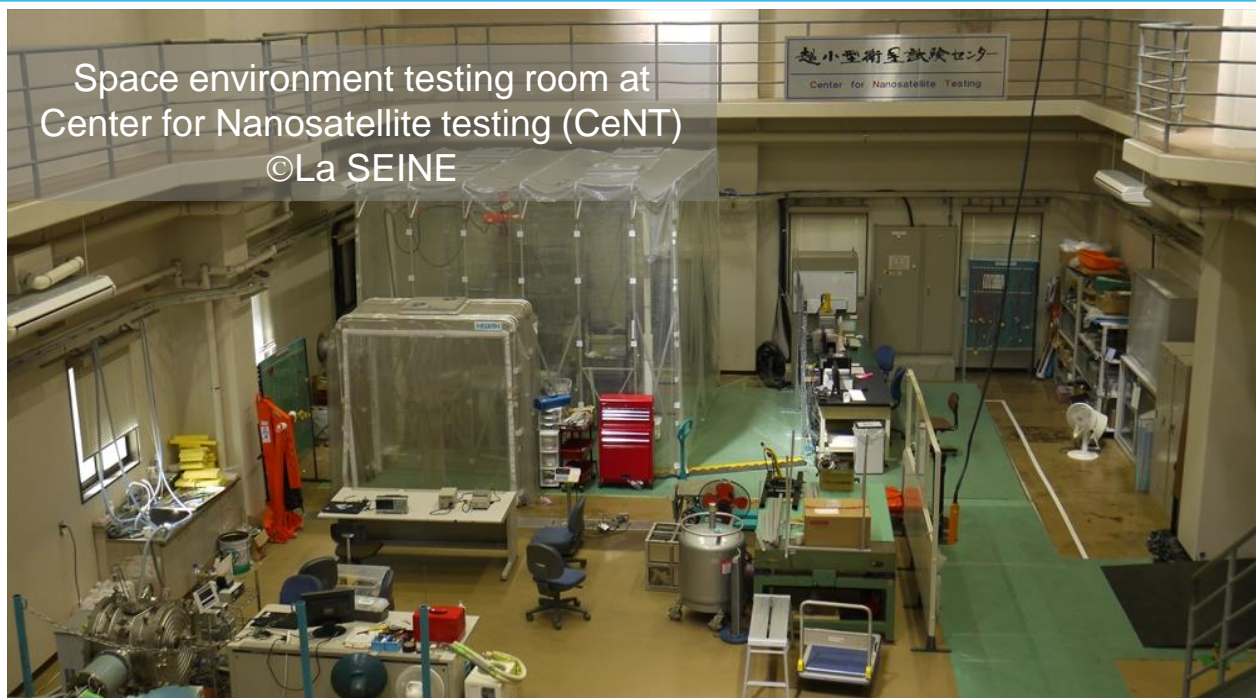
- Space dynamics
- Space systems engineering
- Satellite engineering
- Space environmental science
- Space environment testing



BIRDS Platform ©La SEINE

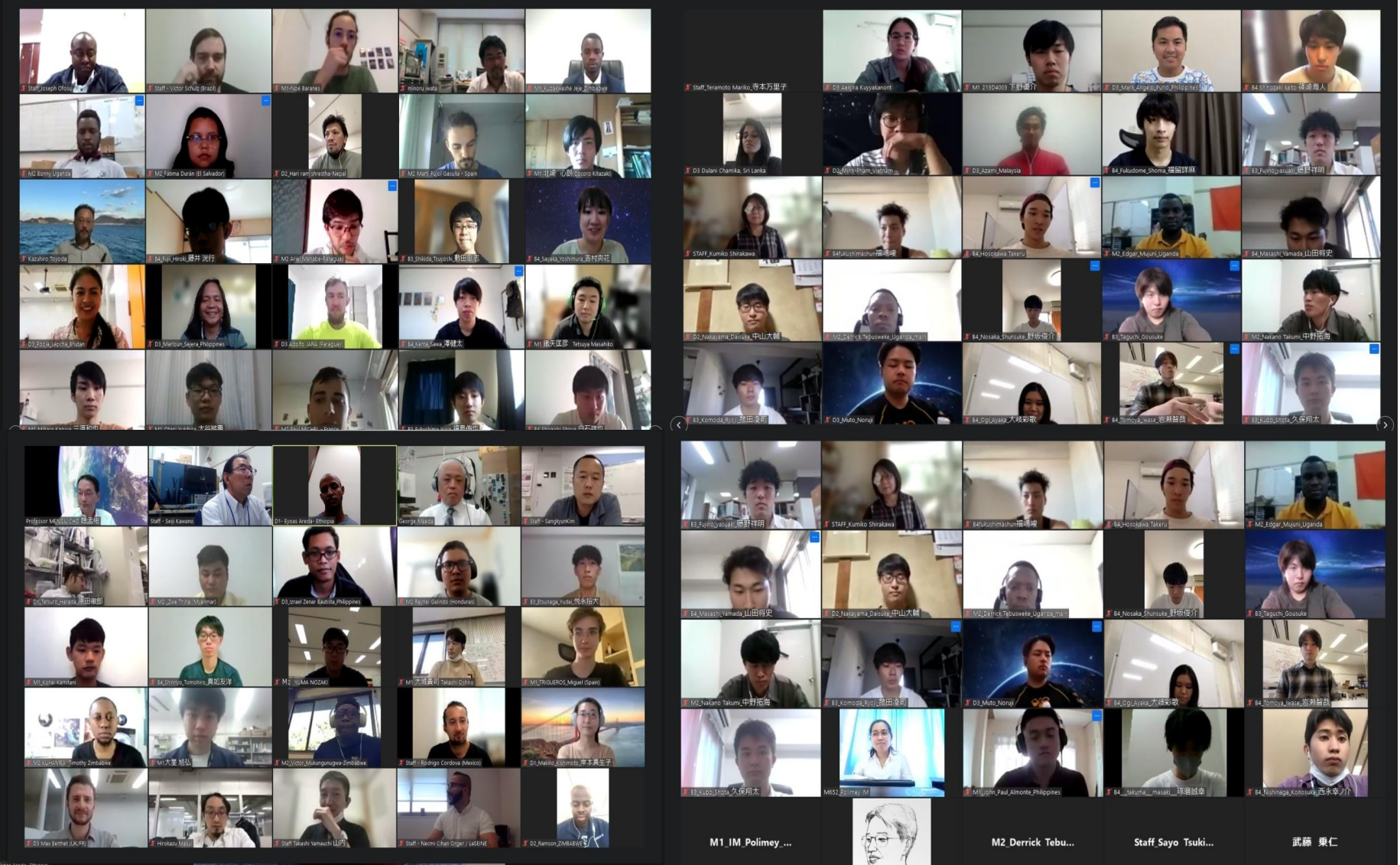


# 3. PNST/SEIC PROGRAM AT KYUTECH





# 4. CURRENT ACTIVITIES IN KYUTECH



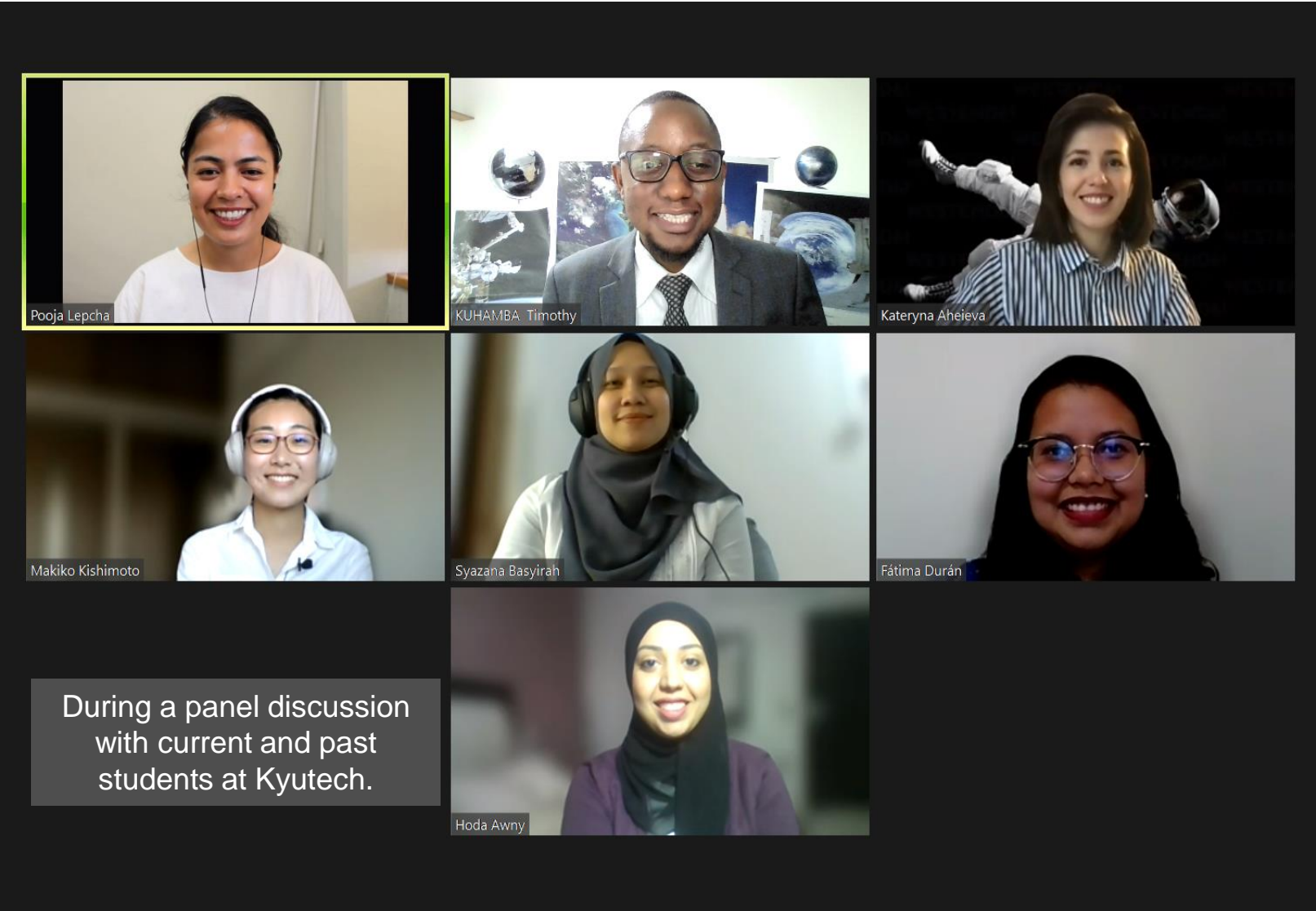
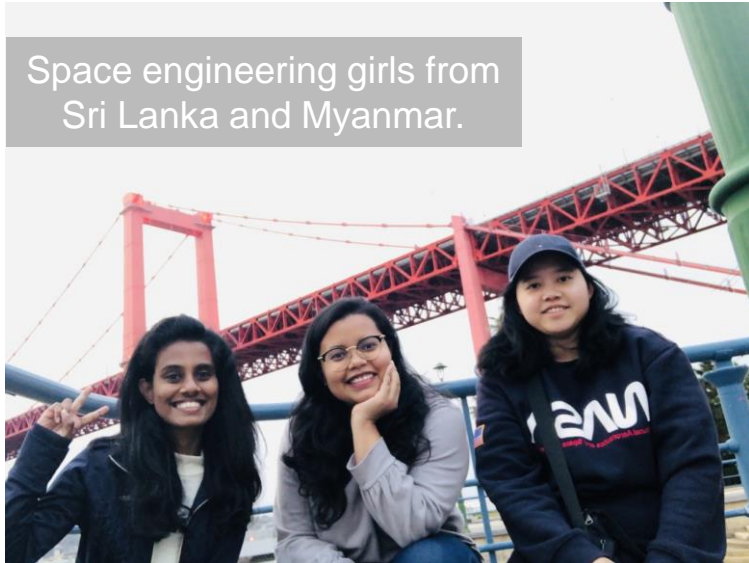
- ❑ Studying during Covid-19
- ✓ Online lectures
- ✓ SEIC Guest Speakers
- ✓ Research seminar
- ✓ Research meeting
- ✓ Book seminar
- ✓ Project meetings
- ✓ Other activities

Lab Kick-off Meeting - Fall Semester  
October 4<sup>th</sup> 2021

World Space Week 2021 -Women in Space



# 4. CURRENT ACTIVITIES IN KYUTECH



Pooja Lepcha

KUHAMBA Timothy

Kateryna Aheieva

Makiko Kishimoto

Syazana Basyirah

Fátima Durán

Hoda Awny

During a panel discussion with current and past students at Kyutech.

# 5. LIVING IN JAPAN



# THANK YOU!

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¡GRACIAS!