

# Announcement & Acknowledgement in UNISEC-Global Community

April 19, 2025

# New Point of Contact (Botswana)



**Modisa Mosalaosi**

Botswana International  
University of Science &  
Technology

MODISA MOSALAOSI received the Bachelor of Science degree in electrical engineering and the M.Sc. (Eng.) and Ph.D. degrees in electronic engineering from the University of KwaZulu-Natal (UKZN), Durban, South Africa, in 2009, 2015, and 2017, respectively. While at UKZN, he was responsible for the RF & Microwave Engineering laboratory where he built and tested antennas, filters and other microwave devices. He is currently a Senior Lecturer with the Botswana International University of Science and Technology (BIUST). At BIUST he has led the development and launch of Botswana's first satellite (BOTSAT-1) as the project Lead Engineer. His research interests include power line communication, RF and microwave propagation, Telecommunications, free space optics, and green power technologies. He is a member of IEEE-HKN Mu Eta Chapter.

# New Point of Contact (Mauritania)



**Elemine Adama Sow**

Mauritanian Association for  
Astronomy

Elemine Adama Sow is specializing in Earth Observation and Remote Sensing, with a focus on renewable energy, climate resilience, and space-based technologies for sustainable development. He is currently the Vice President of the Mauritanian Association for Astronomy and General Secretary of the Mauritanian Geospatialists for Sustainable Development (GMDD). His work centers on using satellite data, GIS, and geospatial analysis to support evidence-based decision-making. Deeply committed to education and innovation, Elemine actively promotes youth engagement and the development of space science and geospatial technology in Mauritania through outreach, advocacy, and capacity-building initiatives.

# Nano-satellite IoT Constellation Program

UNISEC-Global launches a new program.



## Assumptions

- Jointly design satellite bus (3-6U) with online guidance (education).
- Each satellite will be developed by each country with its own funding or if difficult, we will jointly search for international funds.
- All the satellites have the **same mission payload** to contribute to solving global problems or local problems, etc., as a **constellation**.
- Each country can have **one specific mission payload** for its own interest.

Web: <https://unisec-global.org/iot.html>

If you are interested in this program, please submit the form.

<https://forms.gle/WcdvQ9GiQV9rxssj6>

Deadline for “STEP 3:Hearing session with stakeholders”: **June 30, 2025**

Contact: [iot@unisec-global.org](mailto:iot@unisec-global.org)

# The Mission Idea Contest

## The 9<sup>th</sup> Mission Idea Contest : to the Moon

Theme: “***Lunar mission***”

<https://www.spacemic.net/>

Lunar Orbit CubeSat Mission (LOCM)

Lunar Surface Rover Mission (LSRM)

You can check the details here



### Important Dates

Abstract submission due: **April 15, 2025**

Notification: **May 20, 2025**

Full Paper submission due: **August 5, 2025** (Finalists)

Final Presentation: **November 1, 2025** at the 11<sup>th</sup> UNISEC-Global Meeting in Tokyo

25 abstracts were submitted from 15 countries.

Contact: [info@spacemic.net](mailto:info@spacemic.net)

# CLTP14 (CanSat/CubeSat Leader Training Program)

- Date: August 19 - 29, 2025
- Venue: Nihon University, Chiba, Japan
- Application Submission Due: **April 22, 2025**  
(Online assessment details will be provided to the applicants.)

CLTP14 website <https://cltp.info/cltp14.html>

Contact: [secretariat@cltp.info](mailto:secretariat@cltp.info)

# The 11<sup>th</sup> UNISEC-Global Meeting

- Date: November 1 - 4, 2025
- Venue: Tokyo, Japan
- <https://www.unisec-global.org/meeting11.html>

## **Tentative Program(T.B.C.)**

November 1: Opening Ceremony, The 9<sup>th</sup> Mission Idea Contest: to the Moon, Reception

November 2: Deep Space Workshop, Student Session & Party

November 3: Supporting Company Presentation, IoT Workshop, POC Meeting

November 4: Local Chapter Regional Report, Company Tour, Gala Dinner



# Call for proposal for the 15<sup>th</sup> Nano-Satellite Symposium and the 12<sup>th</sup> UNISEC-Global Meeting in 2026

- The next 11<sup>th</sup> UNISEC-Global Meeting will be held in Japan 2025.
- We call for a proposal for the venue of Nano-Satellite Symposium and UNISEC-Global Meeting in 2026.

## Important Dates

Proposal submission due: **May 8, 2025**

Proposal presentation: September 20, 2025 (at the Virtual UNISEC-Global Meeting)

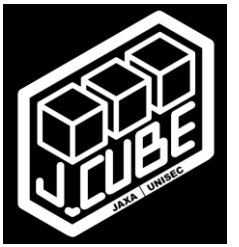
Local Chapter voting: October 2025

Notification: 11<sup>th</sup> UNISEC-Global Meeting

(You can download the format here: <https://unisec-global.org/support.html>)



# Launch opportunities (ISS deployment)



- J-CUBE
  - Special (discounted) launch opportunities
  - 1U, 2U, 3U
  - Deployment from International Space Station
  - Collaborate with a UNISEC-Japan's university
  - Technical support will be provided

Contact: [info-jcube@unisec.jp](mailto:info-jcube@unisec.jp)  
<http://unisec.jp/serviceen/j-cube>

# Next Virtual Meeting

- Date: May 17, 2025
- Theme: IoT Mission Idea Presentation (2)
- Host: UNISEC-Global

Virtual UNISEC-Global Meetings take place on the third Saturday almost every month in 2025.

# UNISEC-Global Social network accounts



@unisecglobal

<https://www.facebook.com/unisecglobal/>



@UNISEC\_Global



@unisec\_global

[https://www.instagram.com/unisec\\_japan/](https://www.instagram.com/unisec_japan/)



<https://www.linkedin.com/groups/8982613/>