

Announcement & Acknowledgement in UNISEC-Global Community

February 17, 2024

New Point of Contact (Belgium)



Dr. Ir. Jurgen Vanhamel
KU Leuven

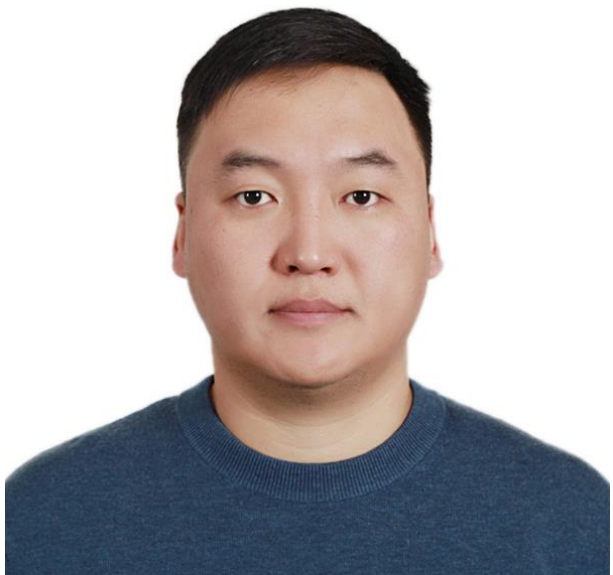
<https://www.unisec-global.org/jurgen.html>

Dr. Ir. Jurgen Vanhamel is working as an assistant professor at the Space Systems Engineering section of the Space Department at Delft University of Technology (TU Delft), the Netherlands. Additionally, he is linked to the Electronic Circuits and Systems group at KU Leuven (Belgium). Jurgen has a BSc in mathematics, physics and economics. Furthermore, he obtained a MSc in electrical engineering and a PhD in engineering technology. He also owns a degree in avionics and spacionics design engineering.

He teaches courses such as telecommunication, space engineering, remote sensing and space electronics. He guides master thesis students and PhD candidates. Additionally, he is a coach at KU Leuven for the Aether-project in which students design a dedicated re-entry cubesat, able to return samples from the ISS and other platforms.

Jurgen started his career at Belgian Defense as a civil professor. He taught courses related to electronics, avionics, digital electronics, instrument landing systems, transceivers and radars. Subsequently, he changed to the Royal Belgian Institute for Space Aeronomy (BISA) in Brussels (Belgium) where he worked on ESA missions. He co-developed the sweeping Langmuir probe for the PICASSO mission. Consequently, he became a system engineer for the ALTIUS-mission (Atmospheric Limb Tracker for the Investigation of the Upcoming Stratosphere). As a next step, he became the programme manager for the VenSpec-H instrument (Venus Spectrometer with High resolution) in the EnVision mission. In October 2021, he took up the position of assistant professor at TU Delft and KU Leuven.

New Point of Contact (Mongolia)



Tamir Baatarjav

National University of Mongolia

<https://www.unisec-global.org/tamir.html>

Tamir Baatarjav is a PhD candidate in the Physics department of the School of Arts and Sciences, National University of Mongolia. He holds a Bachelor of Science degree in Economics from the Business School of National University of Mongolia and a Master of Science degree in Renewable Energy Engineering from National University of Mongolia.

Currently, he is an assistant professor and researcher at the NUM-ITC-UNESCO Remote Sensing and Space Science laboratory at the National University of Mongolia. He is actively participating in various space and astronomical outreach activities. His research interests include small satellites, Exoplanets and Astronomical image classification using deep machine learning.

The Mission Idea Contest

The 9th Mission Idea Contest (Preliminary Workshop)

Theme : “***Lunar mission***”

Category A: Lunar Orbit CubeSat Mission (LOCM)

Category B: Lunar Surface Rover Mission (LSRM)

Requirement can be downloaded at PreMIC9 website.

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

Important date:

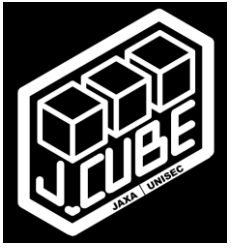
Abstract submission due: **July 24, 2024**

Notification: **September 10, 2024**

Final Presentation: **November 27, 2024 (South Africa)**

Contact: info@spacemic.net

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

<http://unisec.jp/serviceen/j-cube>

Next Virtual Meeting

- Date: March 16, 2024
- Theme: T.B.D.
- Host: UNISON-Global
- We will announce the detail when it's ready.

Virtual UNISEC-Global Meetings take place on the third Saturday almost every month in 2024. Seeking local chapters to host the virtual meeting.

UNISEC-Global Social network accounts



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