Announcement & Acknowledgement

30th UNISEC-Global Meeting

Feb 18, 2023

New Point of Contact (Bhutan)
Pooja Lepcha

- Pooja Lepcha is currently a postdoctoral fellow at the Laboratory of Lean Satellite Enterprises and In-Orbit Experiments (LaSEINE). She received her bachelor's degree in Electrical Engineering from the College of Science and Technology, Royal University of Bhutan. In 2017 she received a UN/Japan Long term fellowship "Post Graduate Studies on Nano Satellites (PNST)" to pursue a master's degree in Space Engineering at Kyushu Institute of Technology and continued to the doctoral degree at the same university with the same scholarship. Back in Bhutan, she works in the Division of Telecom and Space under the Government Technology Agency, Bhutan. During her master's degree, she was involved in the BIRDS-2 satellite project that developed the first satellite of Bhutan, BHUTAN-1. She has been actively involved in four more satellite projects and mainly works on the Electrical Power System (EPS) of the satellites. Her research is on the development of low-cost sensor stations for remote data collection using satellites. She is currently coordinating with more than 11 developing countries to build sensor stations that can measure sensor data and transmit the data to the satellite to provide connectivity in remote locations of those countries. She strives to promote international cooperation in space for enabling access to space development and utilization in developing countries. After her return to Bhutan, she aspires to engage in STEM education for youths and get involved with space activities in Bhutan.

MIC8 Overview

- Theme: “Missions by multiple nano-satellites”

  The mission is carried out by multiple satellites made of 6U CubeSat or smaller each.
  The number of satellites can be anything as long as it is bigger than one, and
  the mission has clear benefits of having multiple satellites in orbit simultaneously.

  Constellation missions (with no inter-satellite link) or
  Formation Flying missions (with inter-satellite link)

- Important dates:

  Abstract submission due: **June 30, 2023**
  Notification: August 8, 2023
  Full Paper submission due: October 3, 2023
  Final presentation: TBD (Nov or Dec, 2023, in Japan)

http://www.spacemic.net

Process and Timeline

Application Submission : Deadline June 30, 2023

Submitted abstracts will be evaluated by review team

Notification of Finalist: August 8, 2023

Title of paper and finalist(s)' name and affiliation will be published on the website.

Final Paper Submission: October 3, 2023

Submitted final paper will be distributed to review team for evaluation

Presentation in Japan in November or December, 2023 at the 9th UNISEC-Global Meeting (in-person)

Example of National/regional competition for MIC8

Application Submission : Deadline March-April, 2023

Submitted abstracts will be evaluated by regional review team

Presentation (online and/or in-person): sometime in April-May

Winner teams are selected by regional review team

Abstract Submission to MIC8: June 30, 2023

Winner teams submit polished abstracts to MIC8

Notification: August 8, 2023

Selected Finalists submit full paper by Oct 3 and make a final presentation in Nov or Dec in Tokyo, Japan

Launch opportunities (ISS deployment)

- J-CUBE
  - Special (discounted) launch opportunities (1U-3U)
  - Need to collaborate with UNISEC-Japan's university

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

Next (31st) Virtual Meeting

- Date: March 18, 2023 10:00 pm - 0:00 am (JST)
- Theme: TBD
- Program: TBD
- HOST: TBD

- Virtual UNISEC-Global Meetings take place on the Third Saturday almost every month in 2023.
- We are seeking the host local chapter for April 15 (UNISEC-Tunisia), May 20, ….

UNISEC-Global Social network accounts

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