Presenter: Alice Pellegrino

5th UNISEC Global Meeting – Student Presentation
Rome (Italy), 3rd of December 2017
UNISON Italy

Universities Representatives
- **Rome**: Prof. Santoni
- **Bologna**: Prof. Tortora
- **Turin**: Prof. Corpino

Student Representatives
- **Rome**: Alice Pellegrino
- **Bologna**: Marcello Valdatta
- **Turin**: Luigi Mascolo
UNISON Italy Working Groups

CubeSat Team: URSA MAIOR 3U CubeSat

QB50 PROJECT

Launched in June 2017!
University nanosatellite developed in support of the **Italian-Kenyan cooperation in space activities**, part of an agreement between Sapienza – University of Rome and the Italian and ASI.
UNISON Italy Working Groups

**CubeSat Team: EAGLET 2U CubeSat**

Support provided from the UNISON Italy students to the development of the 2U CubeSat bus for the EAGLET CubeSat of OHB Italy

Cooperation with Italian and International companies for improving the students skills in the space field by means of hands-on CubeSat-related experiences
UNISON Italy Working Groups

CubeSat Team: 1KUNS 1U CubeSat

- Cooperation with University of Nairobi (Kenya)

3D-printed Mock-up

Flight Model
UNISON Italy Working Groups

CubeSat Team: LEDSAT 1U CubeSat

ESA Fly Your Satellite! Programme

CDR Phase
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CubeSat Team: LEDSAT 1U CubeSat
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CubeSatTeam: Ground Operations

URBE Airport GS Equipment
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BEXUS Team: STRATONAV Experiment
UNISON Italy Working Groups

BEXUS Team: STRATONAV Experiment

CAD Model

Flight Model

Experiment integrated on the BEXUS gondola
4th UNISEC Global Meeting at Kamchia (Bulgaria)

- Student Prize for “HORUS - a CubeSat-based multi-angle and multi-spectral Earth Observation (EO) system”
4th UNISEC Global Meeting at Kamchia (Bulgaria)

- Participation at the 1st De-orbit Device Competition (DDC) with the “SSCD: Sailing System for Cubesat Deorbiting”
Two papers published on the IAA Books Series in 2017
UNISON Italy Official Website

http://unisonitaly.eu
Italian 5th Pre-MIC

Italian finalist:
Growth of tomato plants MICRO-TOM in space environment
UNISON Italy Official Website

http://unisonitaly.eu
We are pleased to announce that the 5th UNISEC-Global Meeting will be held in Dec 2-4, 2017 at Sapienza – Università di Roma, Italy. Details will be announced soon.
The Fifth UNISEC Global Meeting

2-4 Dec 2017

Rome (Italy)

Sapienza's Engineering Faculty

5th UNISEC Global Meeting
5th UNISEC Global Meeting

2nd place winner at the 5th International Pre-MIC

THE GROWTH OF TOMATO PLANTS MICRO-TOM IN SPACE ENVIRONMENT

TEAM MICRO-TOM
QUESTIONS?

Additional information:
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Rome (Italy), 3rd of December 2017