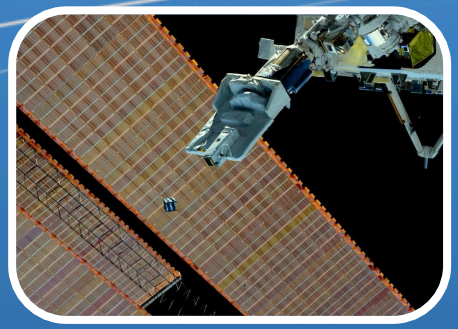

Deployment of a CubeSat from the ISS. Photo: NASA/JAXA

United Nations/Japan Cooperation Programme on CubeSat Deployment from the International Space Station (ISS) Japanese Experiment Module (Kibo), "KiboCUBE"

KiboCUBE is the dedicated collaboration between UNOOSA and JAXA in utilizing the ISS Kibo for the world. KiboCUBE aims to provide educational or research institutions from developing countries of United Nations membership with opportunities to deploy, from the ISS Kibo, cube satellites (CubeSats) which they develop and manufacture.

1KUNS-KenyaSat selected for launch aboard "KiboCUBE"

http://www.unoosa.org/oosa/en/ourwork/psa/hsti/kibocube.html

Collaboration between Kenya and Italy in space activities

The collaboration between Kenya and Italy in University satellites has a very long tradition. The San Marco Equatorial Range was established in Malindi in the sixties. The San Marco satellites were launched from the off-shore platforms. Since those times, the collaboration between the two countries in space activity has increased. At the moment, the microsatellite IKUNS, founded by ASI-Italian Space Agency, is under development thanks to an agreement between University of Nairobi and University of Rome "La Sapienza".

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agenzia spaziale italiana

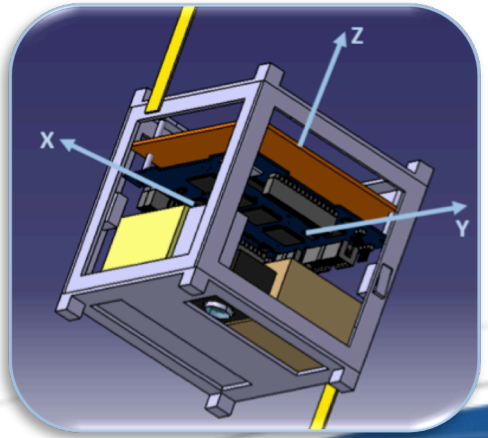
SAPIENZA UNIVERSITÀ DI ROMA

University of Nairobi
School of Engineering

1KUNS - KenyaSat

1st Kenya University Nano-Satellite

United Nations/Japan Cooperation Programme on CubeSat Deployment from the International Space Station (ISS) Japanese Experiment Module (Kibo), "KiboCUBE"

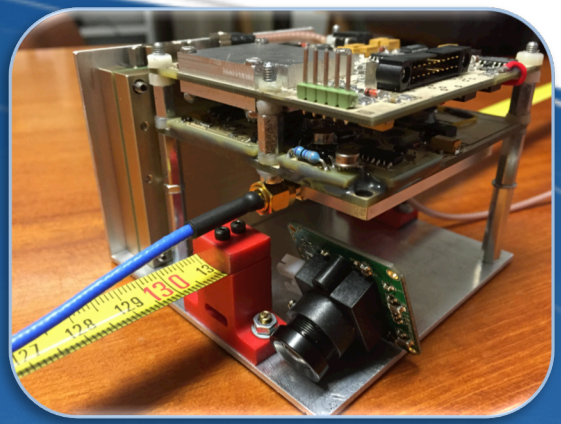


University of Nairobi – Sapienza jointed International Postgraduate Course in Space Mission Design and Management

The International Postgraduate Course in "Space Mission Design and Management" was established, jointly by University of Nairobi and University of Rome La Sapienza. The students enrolled in this Postgraduate Course will be required to gain at least 30% of the credits in the partner University, meaning that Kenyan students will attend courses at University of Rome "La Sapienza" and Italian students will attend courses at University Nairobi. Funding for the Postgraduate Course will be provided by ASI and European Companies. Students enrolled in the Postgraduate Course will participate in the 1KUNS nanosatellite design, realization and operation in orbit as part of the curricular activity.

1KUNS - KenyaSat

1st Kenya University Nano-Satellite



ASI-SAPIENZA Agreement for the Broglio Space Centre

The 1KUNS-KenyaSat mission develops in a partnership between the School of Engineering - University of Nairobi, Kenya and University of Rome "La Sapienza", Rome, Italy, with the support of the National Space Secretariat of Kenya and sponsorship from the Italian Space Agency
The program is funded in the framework of the ASI-Sapienza Agreement for the management of the scientific activity at the Broglio Space Center in Malindi, Kenya.
The main goal of the Agreement it to develop research and education activities in space with the involvement of Kenya Universities and Institutions.

2nd ASI-Sapienza Meeting with Kenya Universities, University of Nairobi – 26 Jan 2016

The 1KUNS-KenyaSat mission is a technology demonstration, aiming at proving in orbit functionality of several components, either commercial or developed in house, in collaboration between University of Nairobi and University of Rome "La Sapienza".

The satellite conforms the Single Unit Cubesat Standard. The construction develops in a time framework of one year, including design, manufacturing and testing.

The primary mission goal is to verify the performance of the on-board subsystems, by receiving telemetry from the satellite. Achieving this goal will represent a minimum mission success.

Secondary scientific objectives are associated with the acquisition, store on-board, and correct transmission to ground of low-definition, panchromatic images of the East Africa region, where the interest of Kenya is mainly in the Earth Observation techniques and applications for agriculture monitoring and coastal areas monitoring.

The program is focused on student education. Students from Kenya and from Italy are directly involved in the program, in a stimulating international cooperation environment.

Launch is provided by the opportunity offered by UNOOSA and JAXA, utilizing the ISS Kibo.