





2019/12/02

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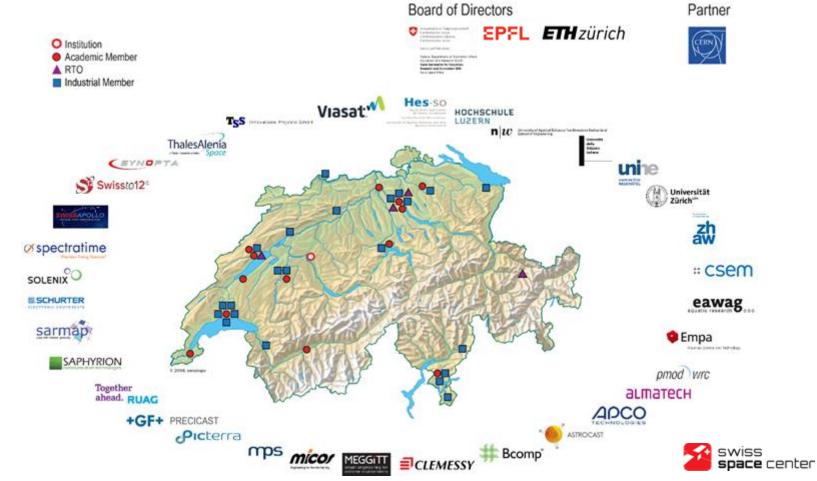






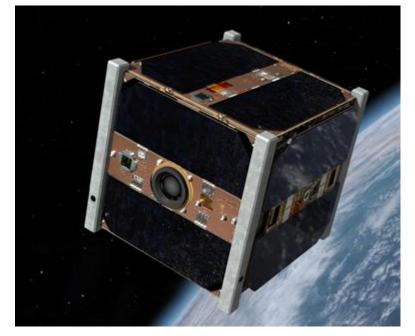
Swiss Space Center Network











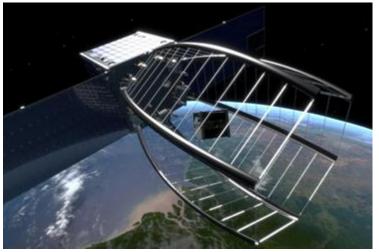


SwissCube Switzerland's first satellite

- Launched in 2009
- 200 students involved in multiple swiss universities
- 10 years and still working!
- Avoided several impacts with debris









CleanSpace One

- Bring SwissCube home
- Make new space sustainable
- Creation of a spin-off: Clearspace







Astrocast

For a secure connection to any IoT device on Earth

- Global coverage
- 8 planes of 8 satellites in LEO
- Many applications:
 - maritime
 - environmental
 - mines, oil and gaz





Spaceport America Cup







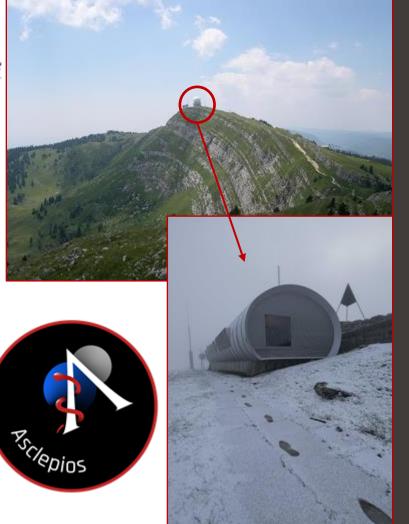












AsclepiosA do-it-yourself space mission

- Simulation of a 7-day lunar mission
- 60 students across the world
- Partnership with EPFL, UNIL and ESA



IGLUNA ESA_LAB@

Objective: Build self sufficient habitat for extreme environment, e.g. Moon



EPFL Lausanne: autonomous vegetables production

4 Swiss teams

(over 16 across Europe)

ZHAW Zürich: Smart wastebased agricultural growing system

CERN Geneva: radiation monitoring

Bern University: amino acid detection by laser desorption mass spectrometer





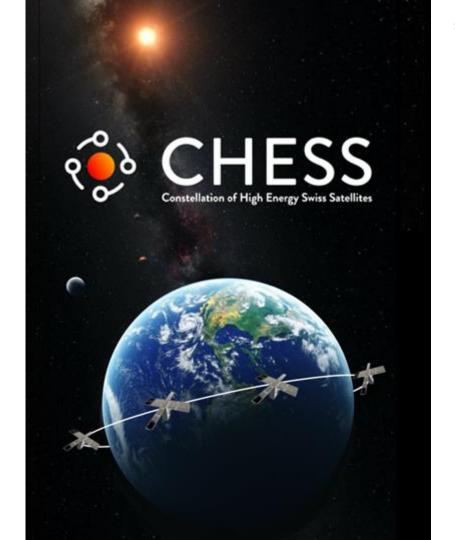
CHESS

Objective: A CubeSat platform for In-Orbit-Demonstration of scientific instrument

Payloads are chosen from research institutes

First payload: Swiss instrument

Second payload: open to international proposition







UNISEC and Switzerland

Glad and honored to be joining UNISEC

Look forward to actively participate into UNISEC-Global

And possibly host a UNISEC event..?







