“BRIDGING THE GAP”

- or -

WHY IN THE 21st CENTURY STUDENTS NO LONGER REACH FOR THE STARS

SEDSAT II - reaching for the stars

WHAT IS SEDSAT II ?

- a global student initiative

SEDSAT II - reaching for the stars

MEMBERS OF SEDSAT II

CANADA

USA

KUWAIT

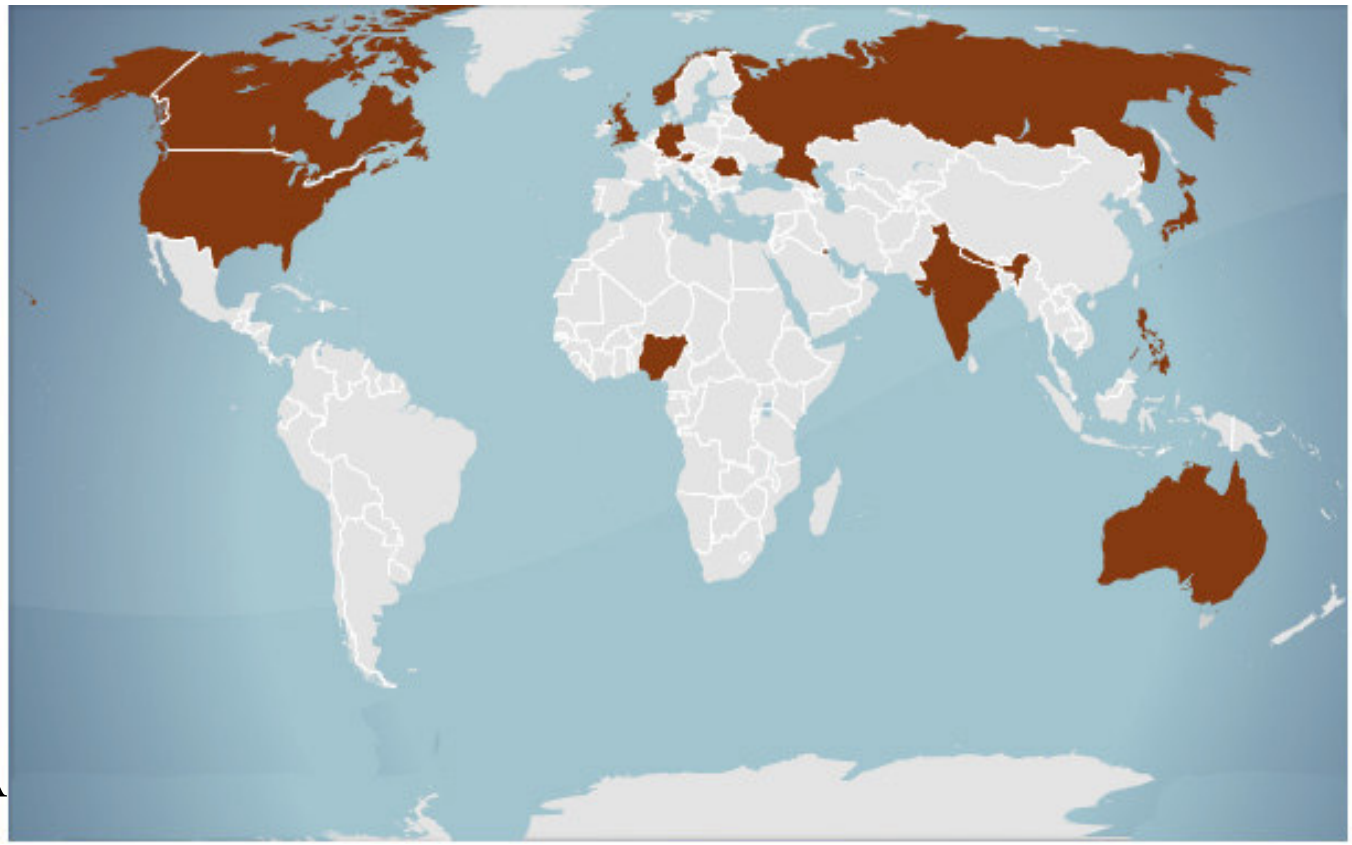
NIGERIA

UK

NORWAY

RUSSIA

AUSTRALIA



JAPAN

NEPAL

INDIA

PHILIPPINES

ROMANIA

AUSTRIA

GERMANY

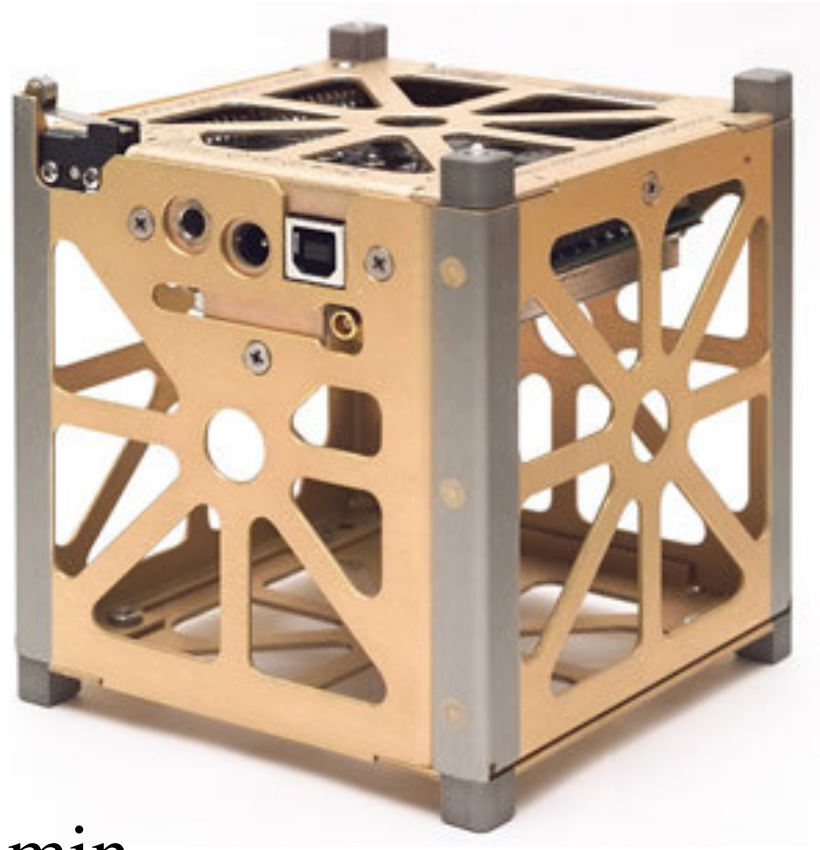
SEDSAT II - reaching for the stars

WHAT IS SEDSAT II ?

- a global student initiative
- a global Team
- planning, designing, launching a pico-satellite

SEDSAT II - reaching for the stars

THE Cube-SATELLITE:



WEIGHT: 1000 gramm

DIMENSIONS: 10*10*10 cm

MISSION DATA:

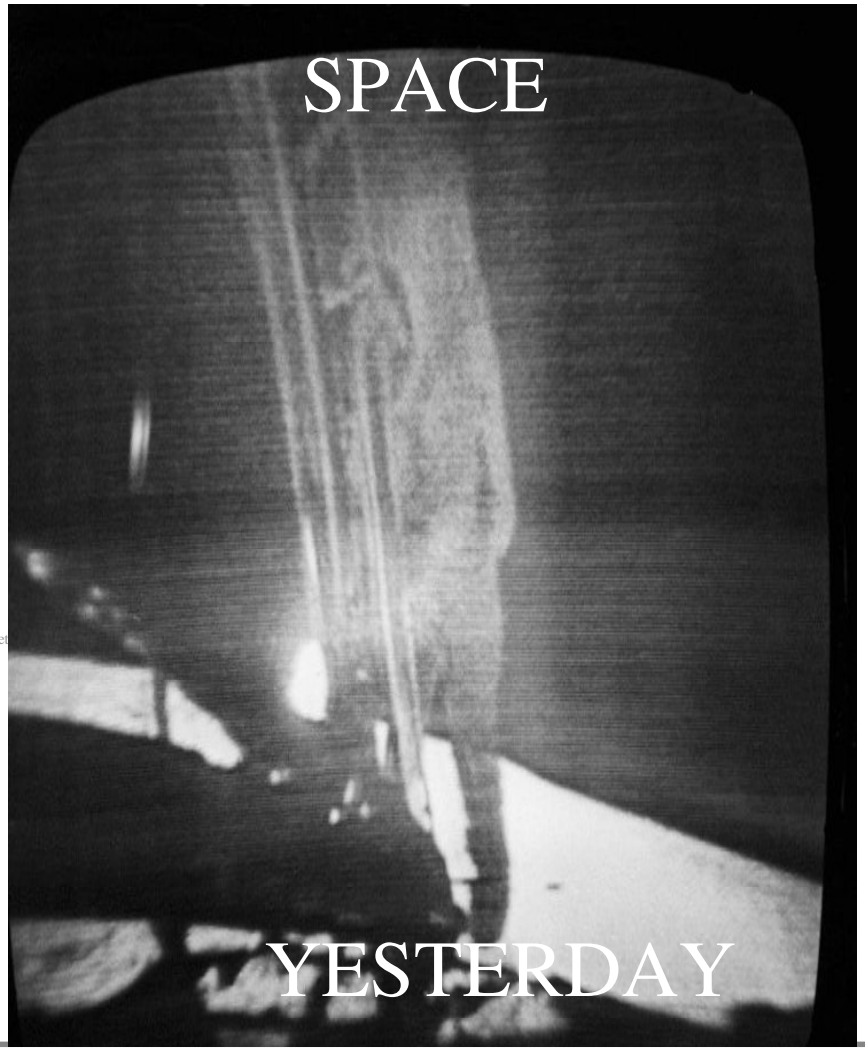
ALTITUDE: 300-750km

SPEED: 27.000 km/h

EARTH CIRCULATION: 100 min

SPACE TODAY

- space was everyday life
- a question of honour
- just high-professionals could launch a satellite
- every child wanted to be an astronaut



SPACE TODAY

- not visible in the media
- is taken for granted
- very expensive
- children want to be popstars instead of astronauts

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SPACE TODAY

LIVING EXAMPLE: “PETER”

- student at TU-Wien
- is passionate about space
- thinks that austrian students have no chance in making career in space related jobs

SPACE TODAY

GENERAL PROBLEMS

- highly motivated students see no chances in a space-related career
- many of willing people do not know how to get involved
- a lack of recruits causes fewer innovations & ideas
- not enough platforms for space work for students

SPACE TODAY

GENERAL PROBLEMS

- a lack of information
- a lack of opportunities for hands on work

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SPACE TODAY

SOLUTION

- lay the groundwork at schools, universities
- close the gap between society and space
- establish platforms to bring students closer to the topic

SPACE TODAY

RESULTS

- Students follow their motivation
- Students know about their realistic opportunities
- Society sees the benefits of space and is willing to support future work in this field
- Society is interested in the progress

BRIDGING THE GAP WITH **SEDSAT II**

ACHIEVEMENTS:

- provides a platform for prospects
- soft skills:
  - global teamwork
  - project organization
  - intercultural understanding
  - interdisciplinary work
- achieved skills and experience will have effects on prospective actions

SPACE TOMORROW

SPACE AND SEDSAT II
(ADVANTAGES FOR 50 STUDENTS)

SPACE AND SOCIETY
(ADVANTAGES FOR EVERYONE)

↓

gain an enormous amount of experience

↓

developing of an global attitude

↓

different people/different religions working together peacefully

REACHING FOR THE STARS

*"SPACE AND **SEDSAT II***

can unite 50 students,

*SPACE AND **SOCIETY***

can unite nations."