

Space Studies Program

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Masaryk University
VZLU Aerospace



International Space University





High resolution
X-ray spectroscopy

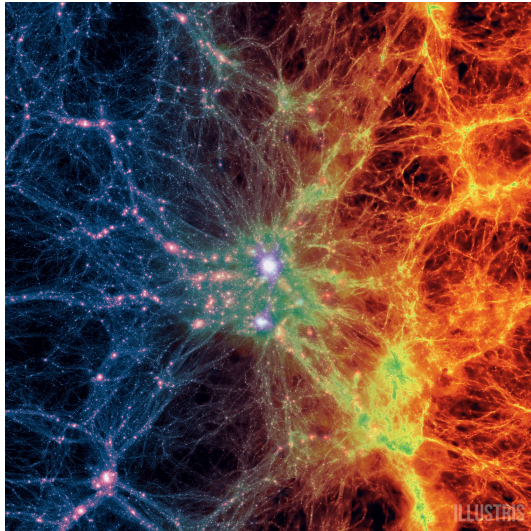
Galaxy clusters



Cosmological
hydrodynamical
simulations



Cosmic web



Plasma codes
Atomic physics

Photoionisation and
collisional ionisation
modelling

Athena, XRISM,
Chandra

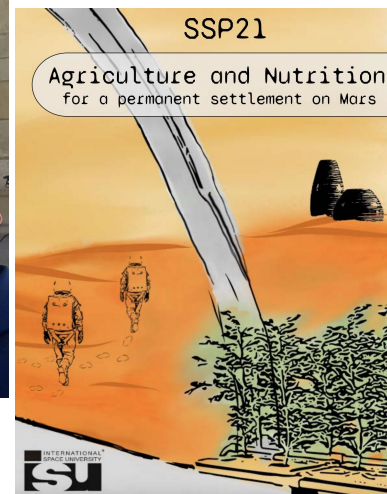
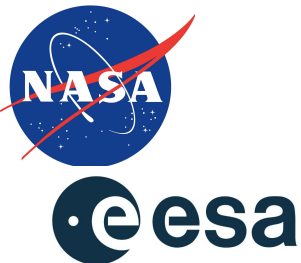


International Space University

- established in 1987
- space education
- central campus in Strasbourg, hubs in USA and Asia Pacific region
- ± 6000 alumni
- three Is:
 - International
 - Interdisciplinary
 - Intercultural



My SSP - Granada, 2021



Space Studies Program

- 8-9 weeks summer program
- different countries (different space ecosystem)
- tuition fee approx. 20k euros
- 7 departments:

**Space law,
policy, and
economics**

**Space
management and
business**

**Space
engineering**

**Space
humanities**

Space sciences

**Human
performance in
space**

**Space
applications**

Space Studies Program



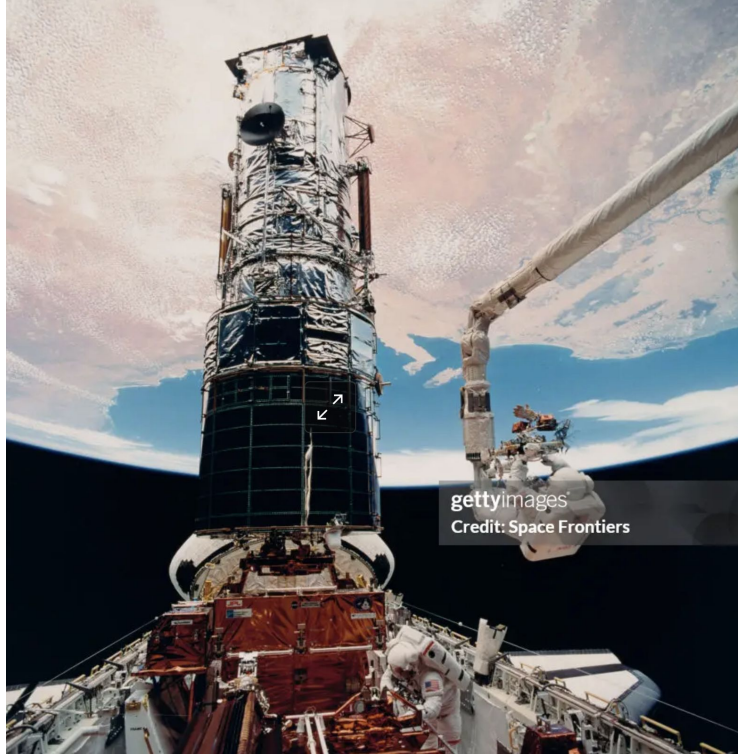
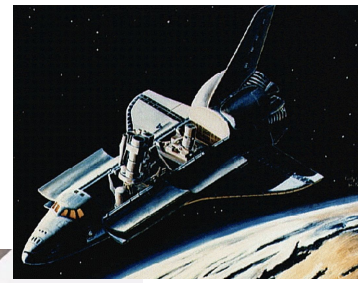
My role in Space Studies Program 2025



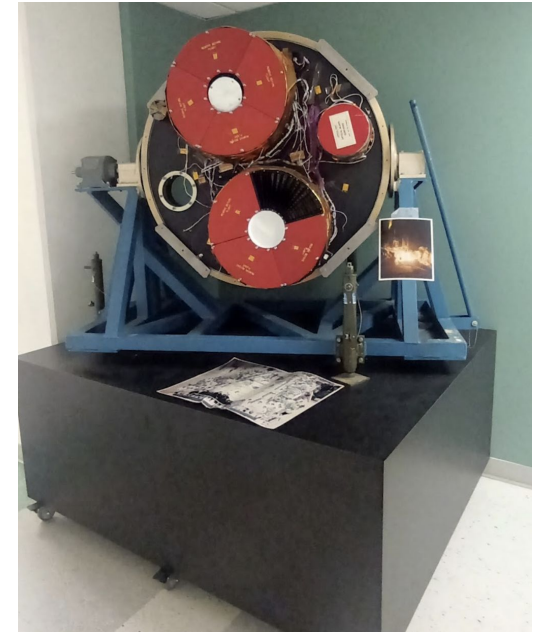
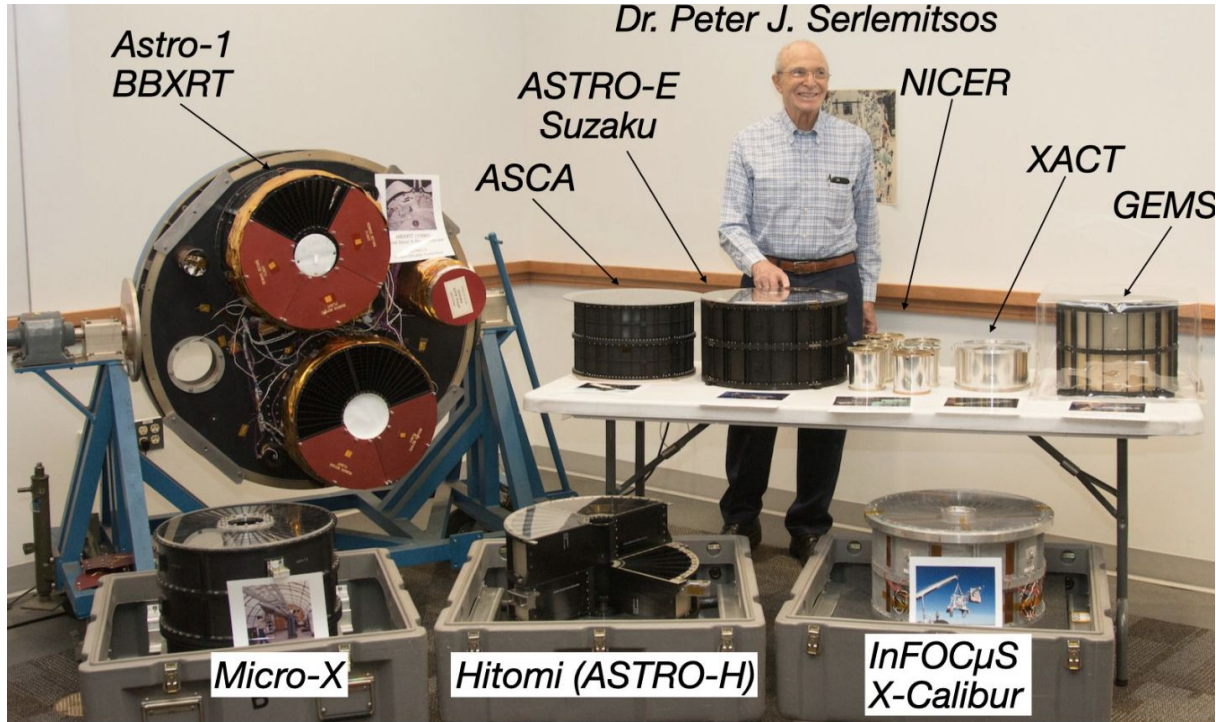
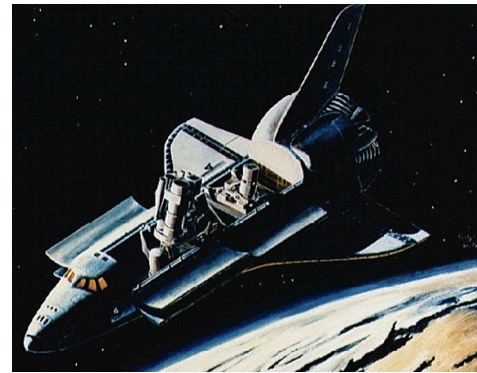
Space Studies Program 2025



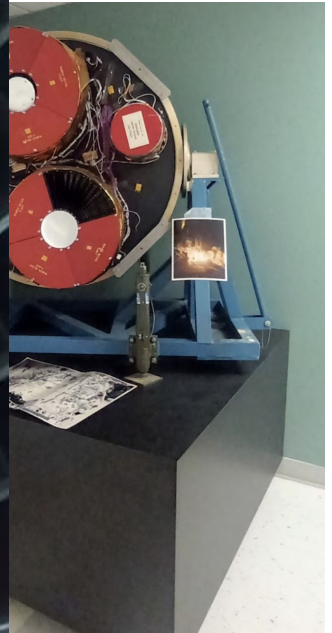
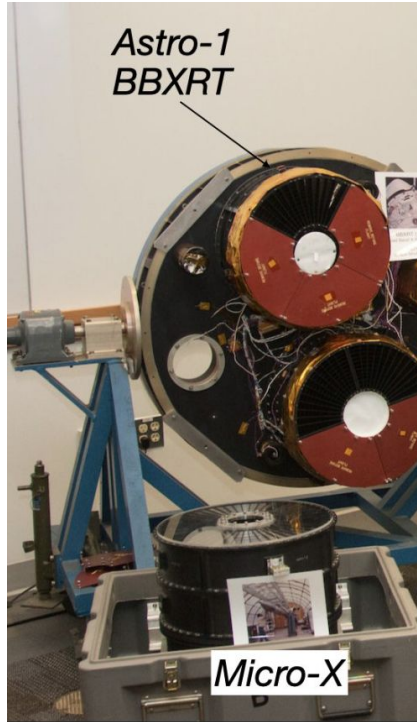
Space Studies Program 2025



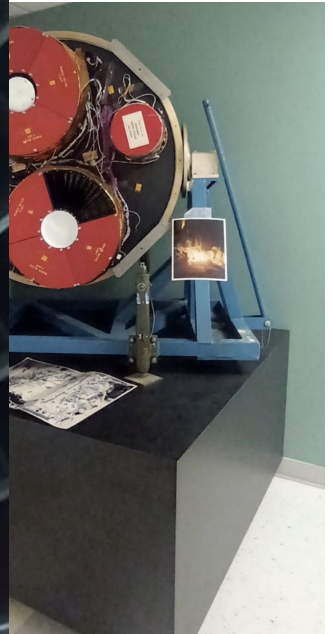
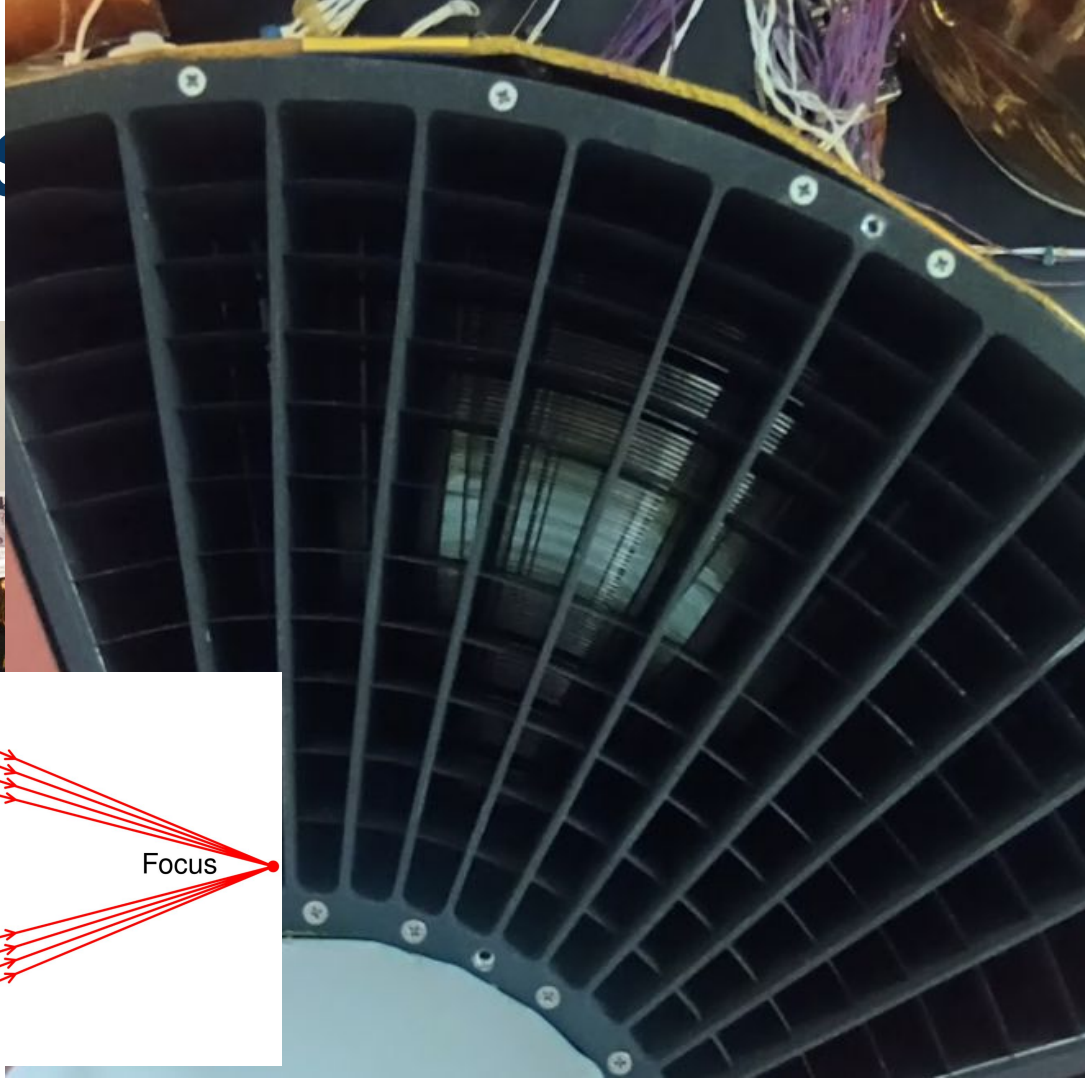
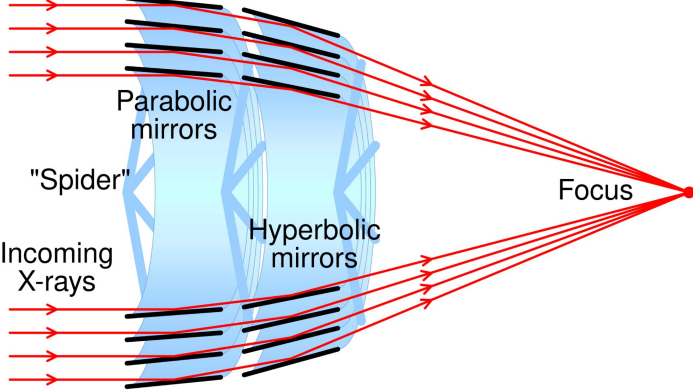
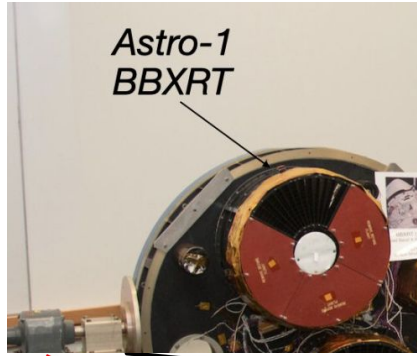
Space Studies Program 2025



Space S



Space S

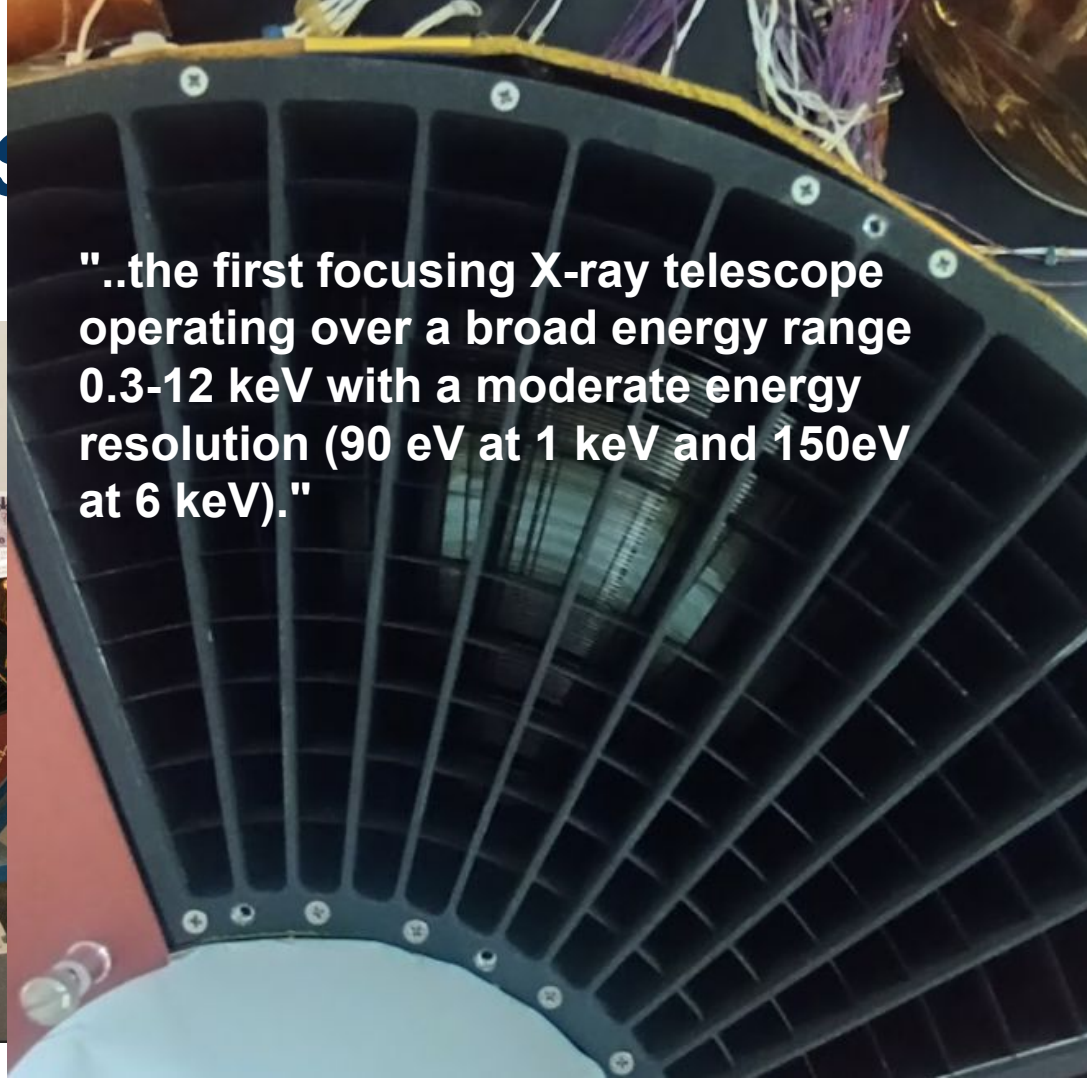
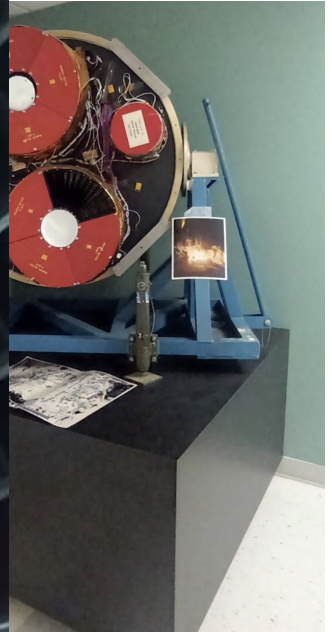


Space S

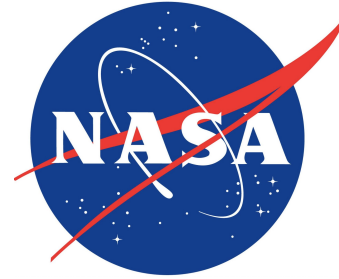
"..the first focusing X-ray telescope operating over a broad energy range 0.3-12 keV with a moderate energy resolution (90 eV at 1 keV and 150eV at 6 keV)."

Astro-1
BBXRT

Micro-X



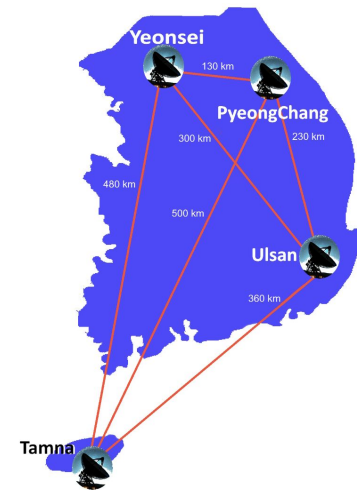
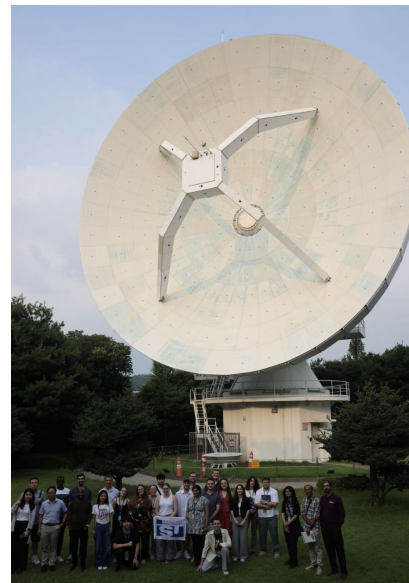
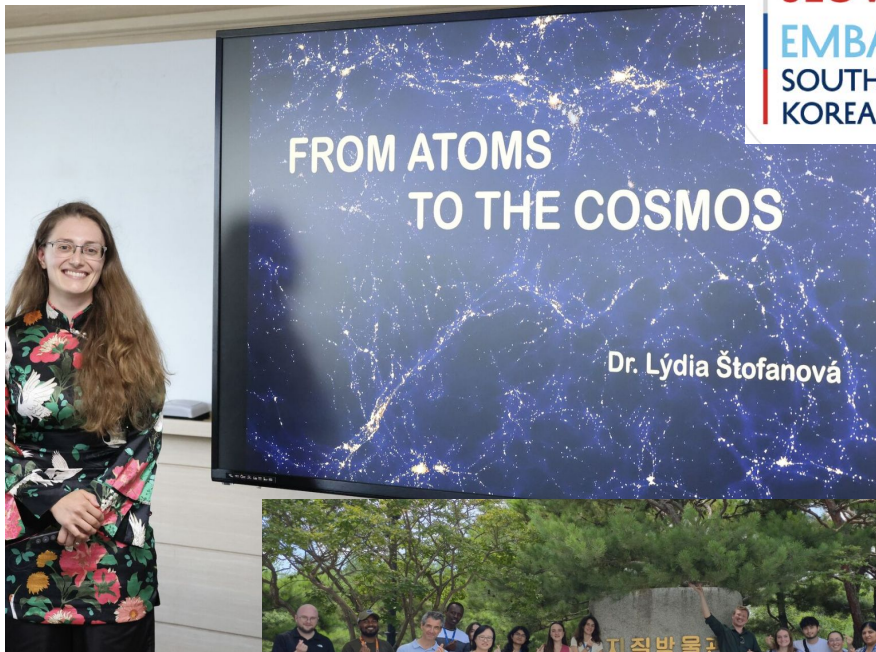
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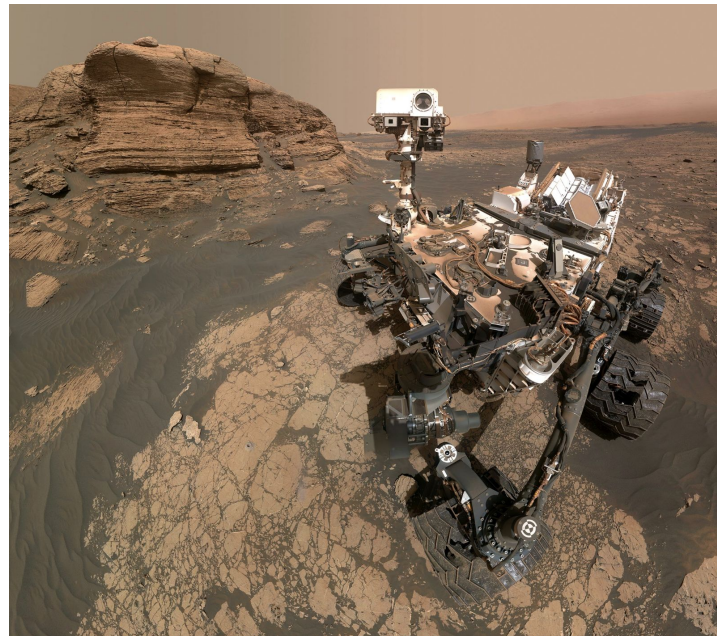
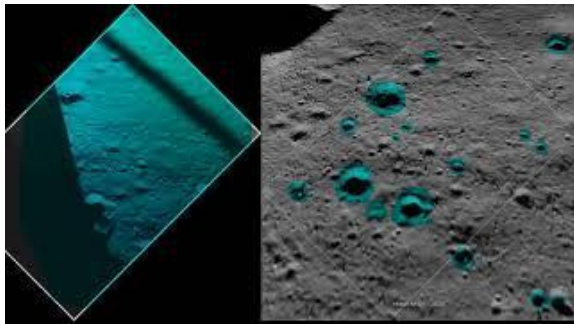
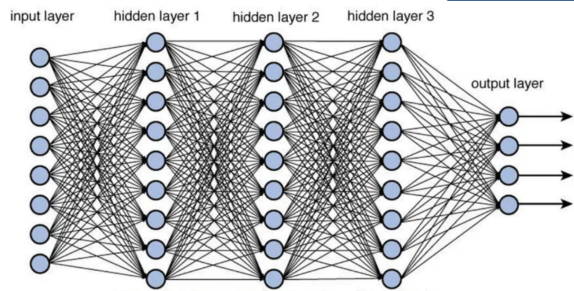


Space Studies Program 2025



Department phase







Jeju island

Universe around us

우리 곁의 우주

Dr. Lýdia Štofanová

리디아 스토파노바
박사



Jeju outreach activities



Jeju outreach activities



Let me know if you
want to sign up!