



SPACE::LAB

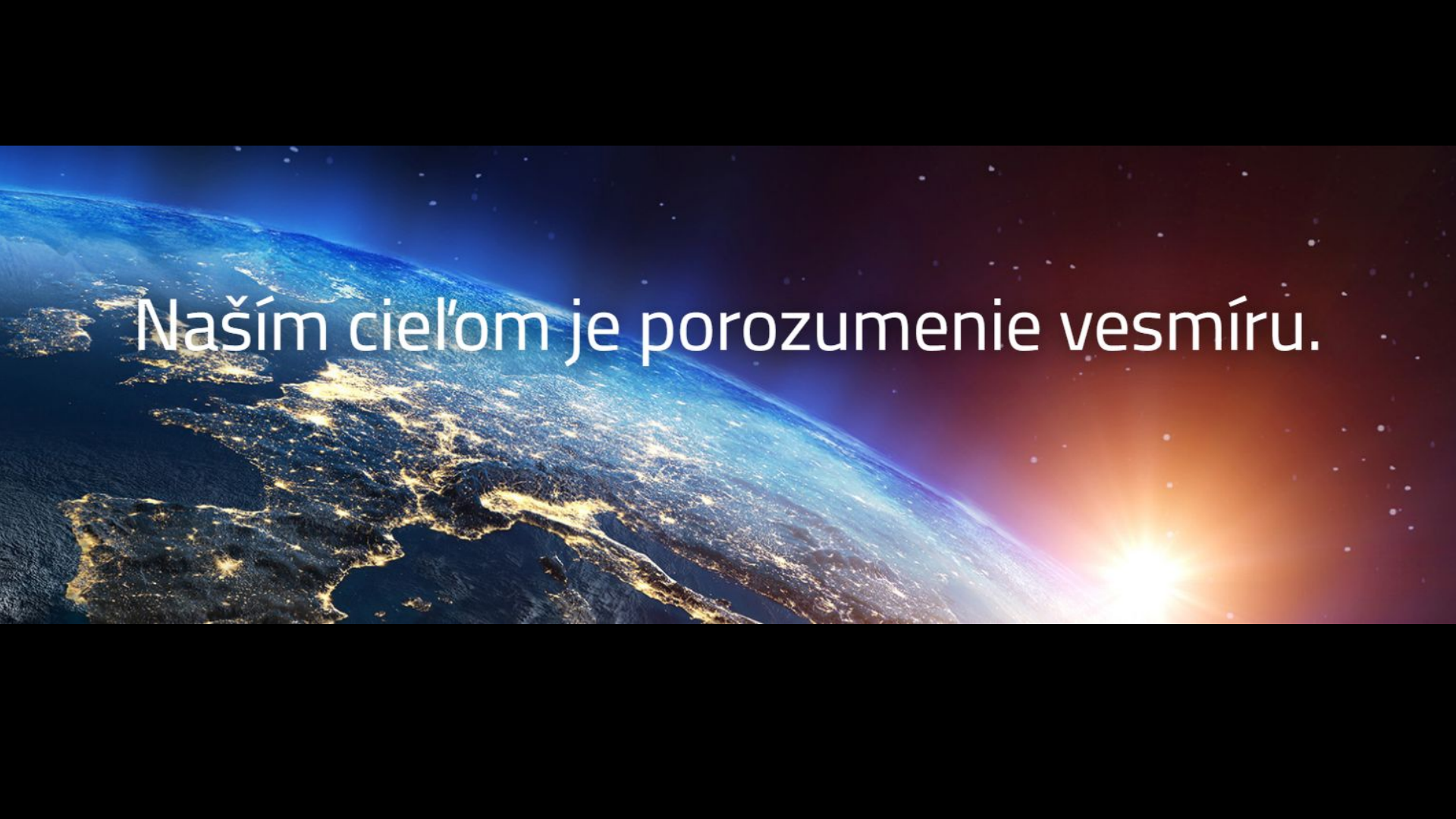
Place to **attract**, **educate** and **involve** young generation in space science and engineering



RNDr. Šimon Mackovjak, PhD.



European Space Agency
Agence spatiale européenne

The image is a composite of two space-themed photographs. The left side shows a curved horizon of the Earth at night, with a dense pattern of yellow and white lights representing cities and urban areas. The right side shows a bright, glowing sun or star in the distance, creating a lens flare effect against a dark, star-filled background. The text is centered horizontally across the middle of the image.

Naším cieľom je porozumenie vesmíru.

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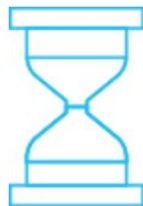
Skúmame fyzikálne procesy v kozme pomocou vlastných prístrojov alebo participáciou na medzinárodných misiách. Oddelenie kozmickej fyziky patrí pod Ústav experimentálnej fyziky Slovenskej akadémie vied.



Viac než

20

prístrojov skonštruovaných v
Košiciach pre vesmírne misie



Bohatá

50

ročná história Oddelenia
kozmickej fyziky ÚEF SAV



Viac než

400

publikovaných vedeckých
článkov



Image by: S. Mackovjak



1957 -

Image by: S. Mackovjak

Najväčšie osobnosti košického kozmického programu



Prof. RNDr. Juraj Dubinský



Ing. Jozef Rojko, CSc



Prof. Ing. Karel Kudela, DrSc.

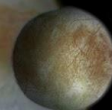


1977



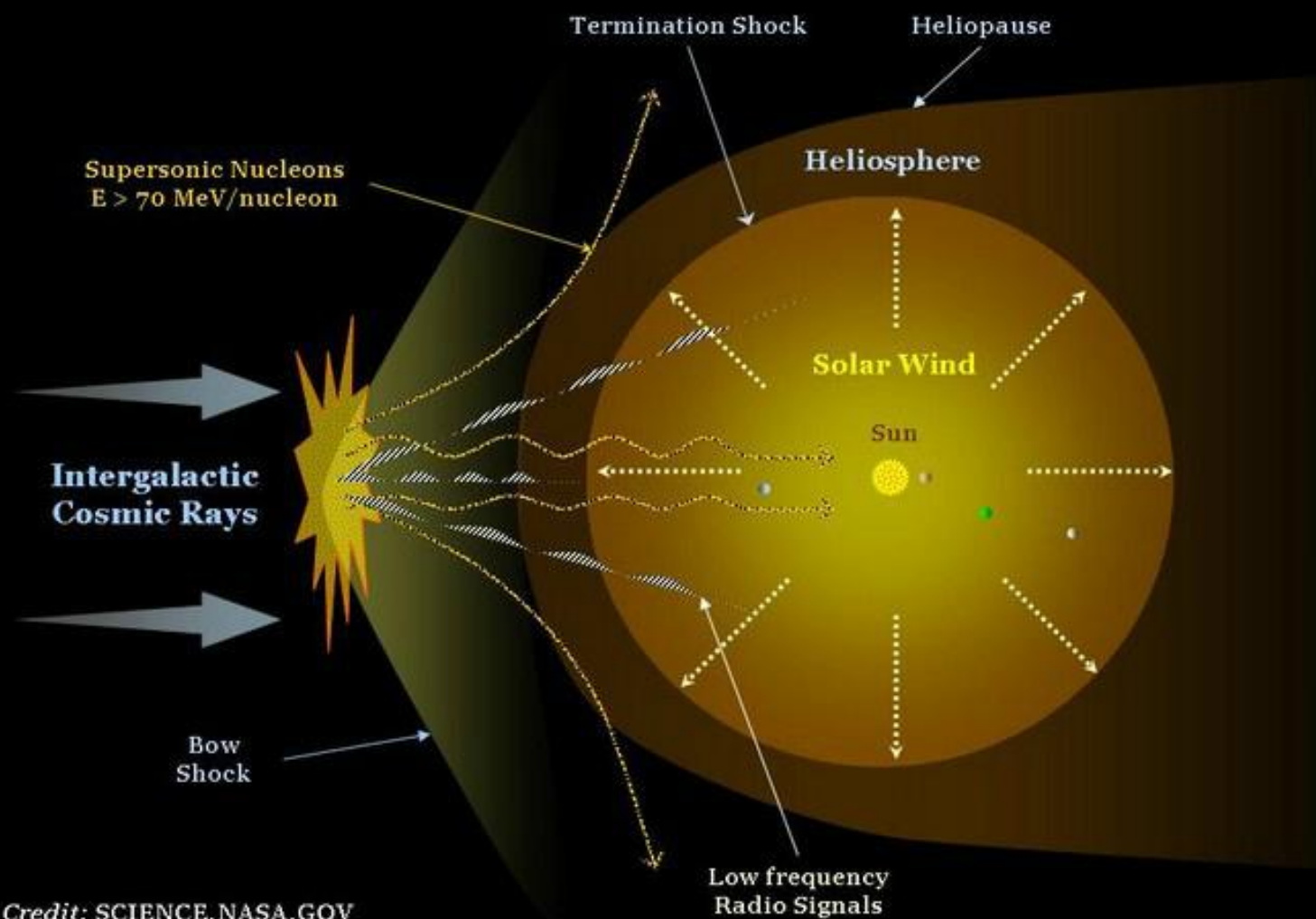
Rosetta

Credit: ESA

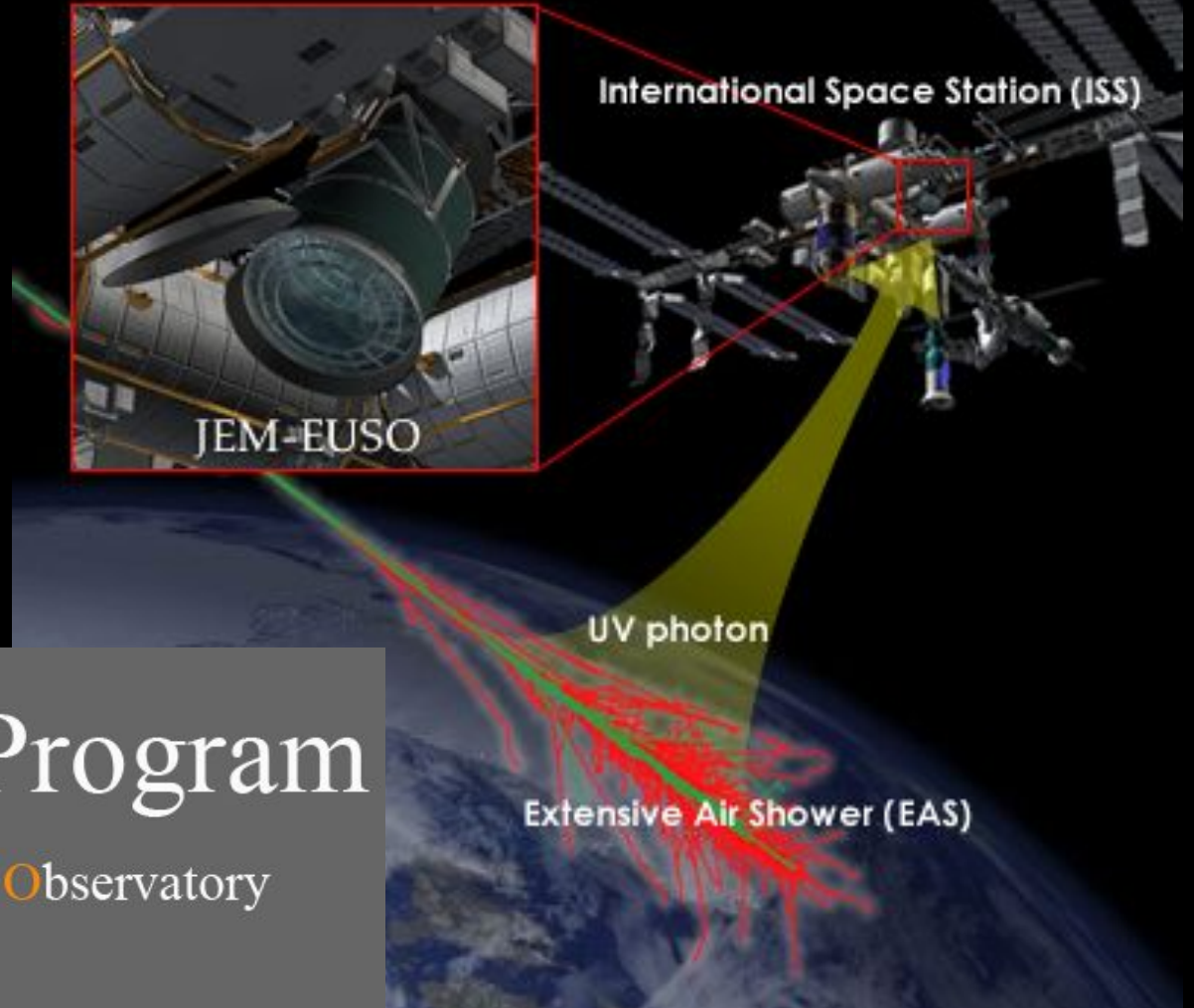


Credit: ESA

JUICE



Credit: SCIENCE.NASA.GOV



JEM-EUSO Program

Extreme Universe Space Observatory

AIRGLOW



Credit: ESA / ISS

Rozšír svoj priestor
na nekonečný vesmír

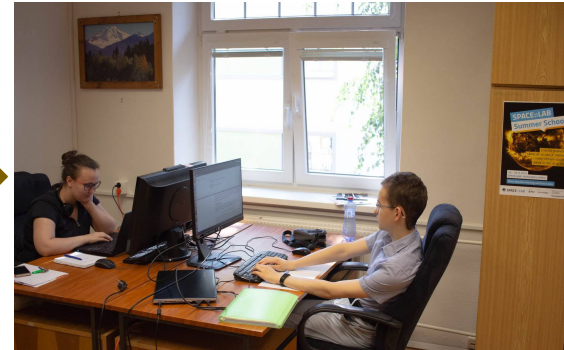
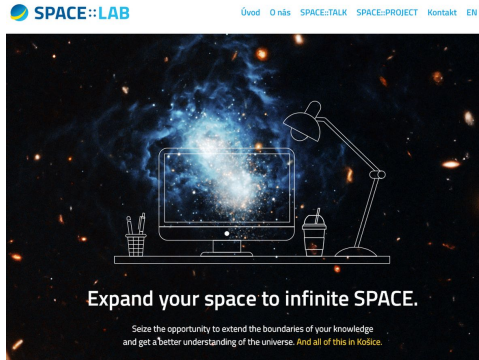


Main objectives



European Space Agency
Agence spatiale européenne

- **ATTRACT** young generation with passion for SPACE
- **EDUCATE** the attracted community directly in our lab
- **INVOLVE** the best students to our actual space science & engineering projects



www.space-lab.sk

Priestor na spojenie



E-mail

space-lab@saske.sk



Facebook

SPACE::LAB



YouTube

SPACE::LAB



Instagram

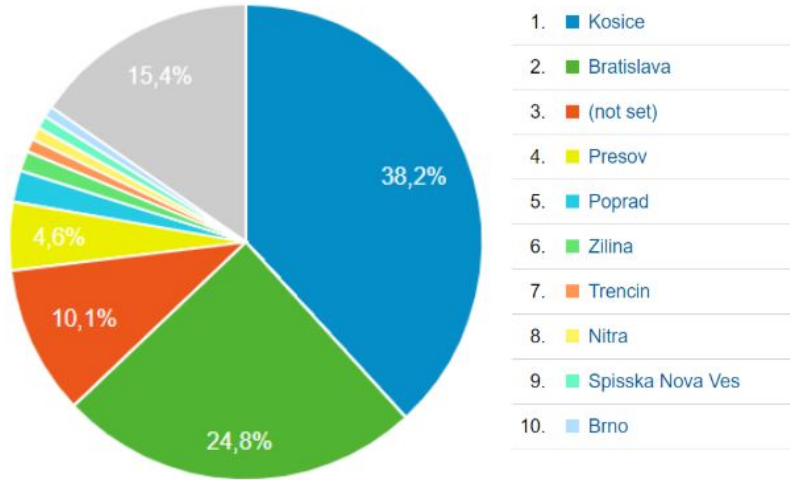
SPACE::LAB



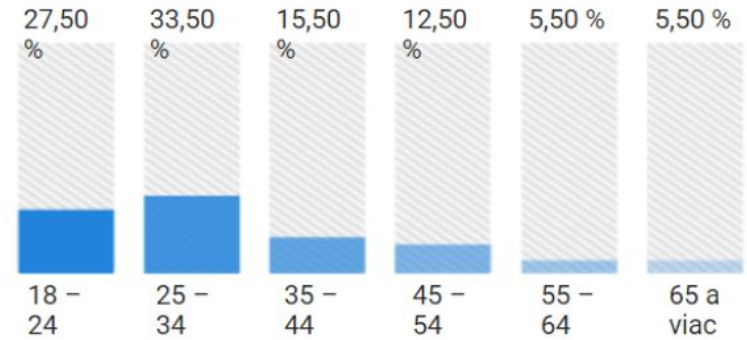
Meetup

SPACE::TALK

Location



Age



The distributions of webpage users location and age.
The data are provided by Google Analytics for www.space-lab.sk

Posters

Rozšir hranice
svojho poznania!

SPACE::TALK

pravidelný meetup záujemcov
o vesmírny výskum a inžinierstvo

1. štvrtok v mesiaci o 18:00
Košice, Bulharská 4

Už od 4. 4. 2019

Potrebná registrácia cez *Meetup* SPACE-TALK



www.space-lab.sk

SPACE::LAB Summer School

Kvalitné prednášky,
hands-on sessions a stretnutia
s ľuďmi, ktorých zaujíma
presne to isté, čo aj teba.

26. - 28. 8. 2019

SPACE::LAB - Bulharská 4, Košice

Téma: Machine learning and Space data



Registruj sa do 31. 7. 2019
zaslaním emailu na
space-lab@space-lab.sk

www.space-lab.sk

Čo ťa na vesmíre
najviac zaujíma
a čomu by si chcel
lepšie porozumieť?

Navrhni
svoj vlastný

SPACE::PROJECT

a získaj platenú stáž
v priestore SPACE::LAB
a 2 noci na Observatóriu
na Lomnickom štíte

SÚŤAŽ
pre študentov
do 15. 5. 2019

v kategóriách
vesmírny výskum
a kozmické
inžinierstvo



www.space-lab.sk

SPACE::TALK meetups



SPACE::LAB summer school

Topic: **Machine learning and Space data**

GlobalLogic®



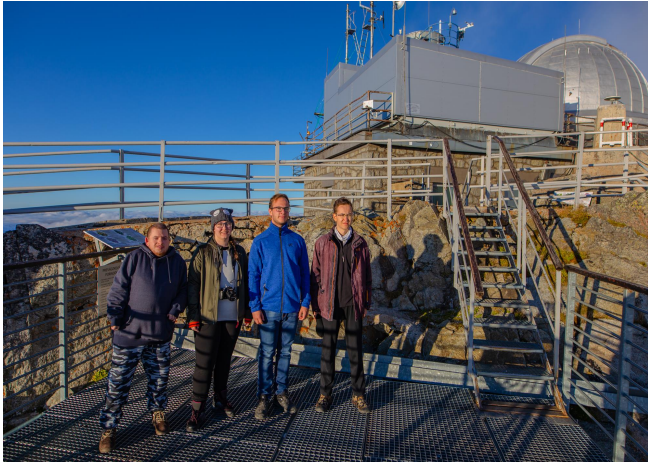
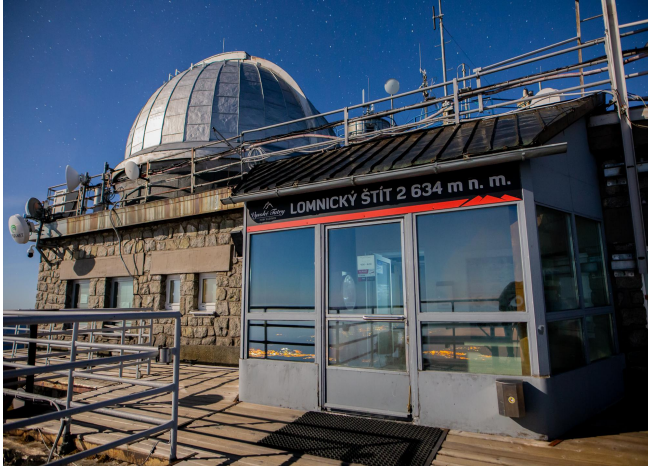
- 3 days / 3 lectors / 20 students
- lectures, hands-on sessions, discussions

SPACE::PROJECT winners



The winners were announced on SPACE::TALK #03. They took their internships in July - September 2019.

SPACE::PROJECT winners



Take home message



- There is a LAB in Košice that is focusing on SPACE
- Young generation needs to be involved to real space projects
- Cooperation with ESA will be crucial for the future
- Space is not more domain of astronomers only, but astronomers have the best domain knowledge