



Astronomical Activities in Kaunas (Lithuania)

Presentation in 8th OPTICON Gaia Science Alerts workshops

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Warsaw, 2017

Amateur Astronomic club „Arcturus“ of Kaunas University of Technology

Who are we?

Students organisation of Kaunas University of Technology, established in 2012 by Students department and assoc. prof. Vytautas Stankus (Physics department).

Now it is run by students:

President: 2nd year Master degree student Algita Stankevičiūtė.

Vice president: 4th year Bachelor degree student Tomas Klinavičius.

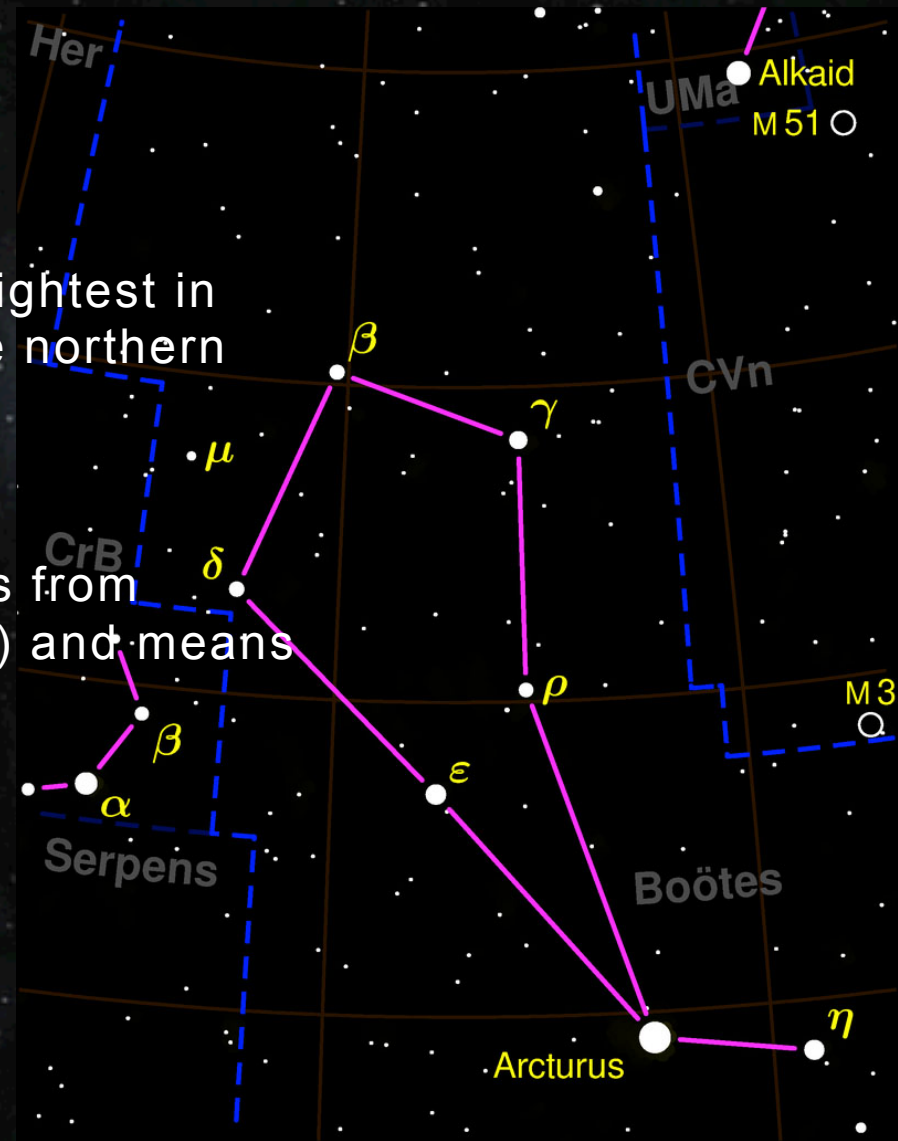
Active members: assoc. prof. Vytautas Stankus and Aleksandras Iljinas.



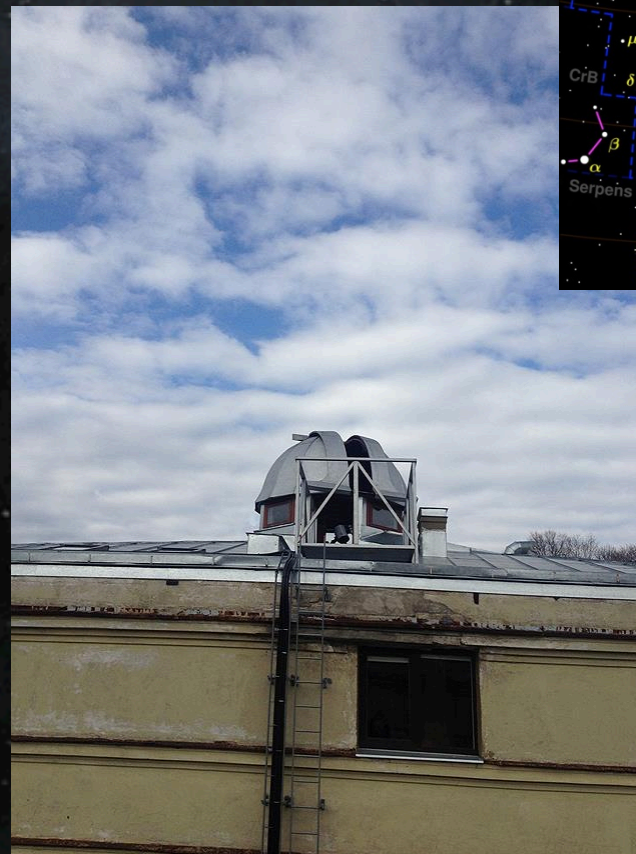
A reminder.

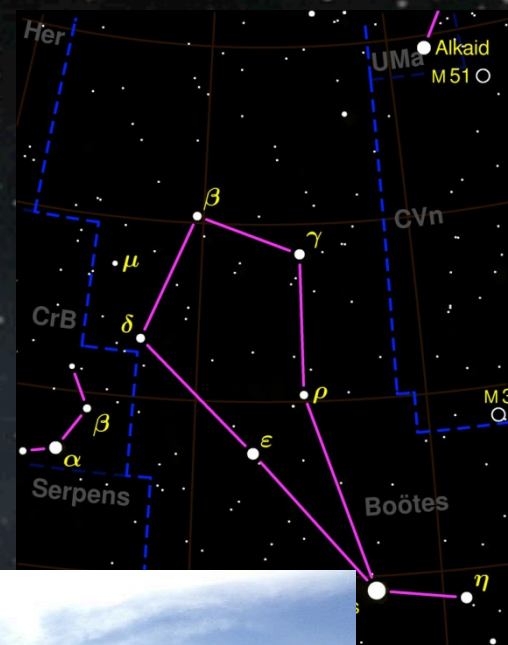
Arcturus - is the brightest star in the constellation of Boötes, the fourth-brightest in the night sky, and the brightest in the northern celestial hemisphere.

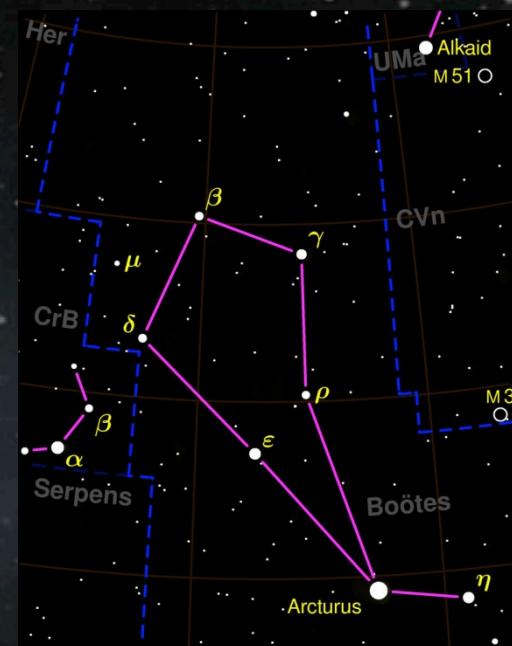
The traditional name Arcturus derives from Ancient Greek Ἄρκτοῦρος (Arktouros) and means "Guardian of the Bear"



KTU has old observatory in the centre of Kaunas (Faculty of Economics and bussiness)







If the weather is bad, we are arranging meetings and seminars.

KTU Astronomijos mėgėjų klubas „Arcturus“

Unikalūs astronominiai reiškiniai, objektai bei įdomūs faktai

Pasidomėjimą paragina: Algita Maskvičiūtė

Kaunas, 2016

METEOR TECHNOLOGY

ktu 1922

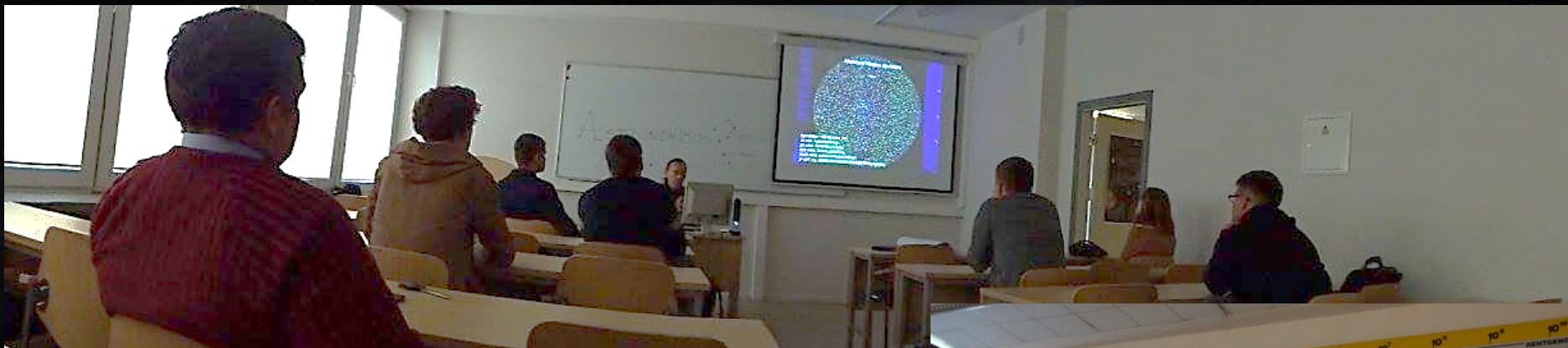
Arcturus Astronomų klubas



Arranging trivia's and festivals.

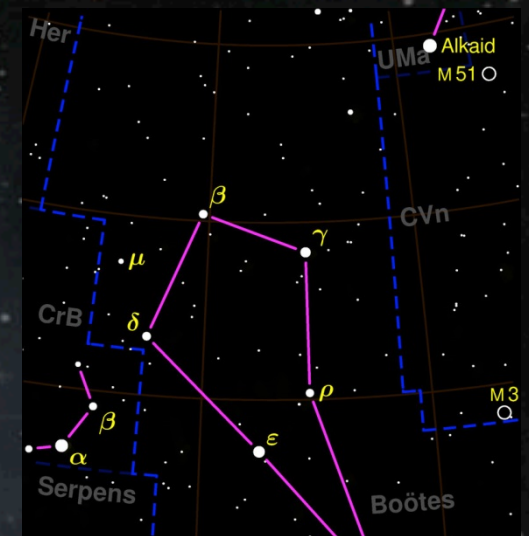


Celebrating International Astronomy day



Arranging various astronomical observations:

Solar Eclipse in 2015



Observing with a telescope TAL-200K

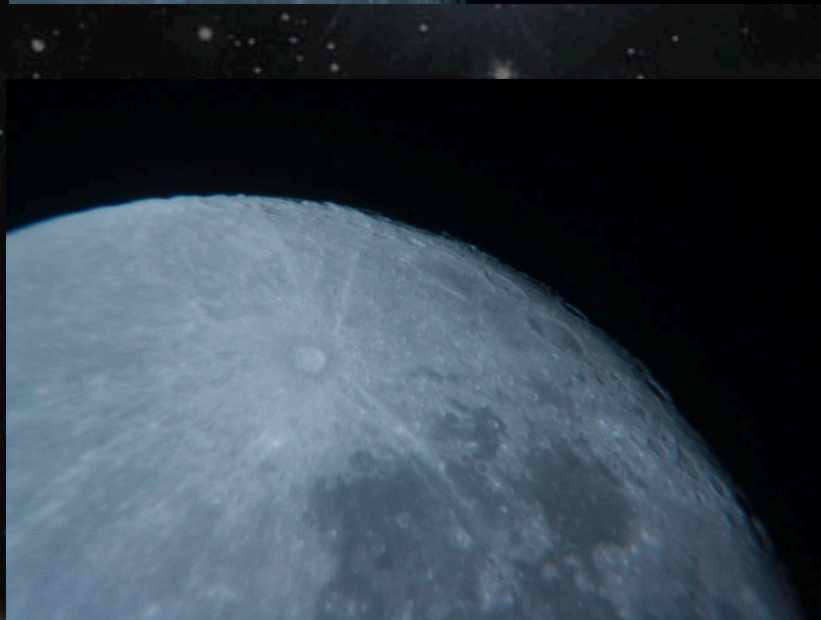


Technical characteristics	
Mirror/ Lens, mm	200
Focal lenght , mm	1700
Focal ratio	1:8.5
Magnification, times	68:136:170;340
Resolution	0.6"
Minimum star brightness	13.4 ^m
Focus	1,25"
Detection angle	±90°
Latitude regulating range	0...70°
Voltage, V AC	220
Frequency, Hz	50
Power, W	5
DC Voltage, V	12DC
Length of optical tube,mm	450
Height , mm	1400
Weight of optical tube,kg	8.5
Weight , kg	28



Astrophotography

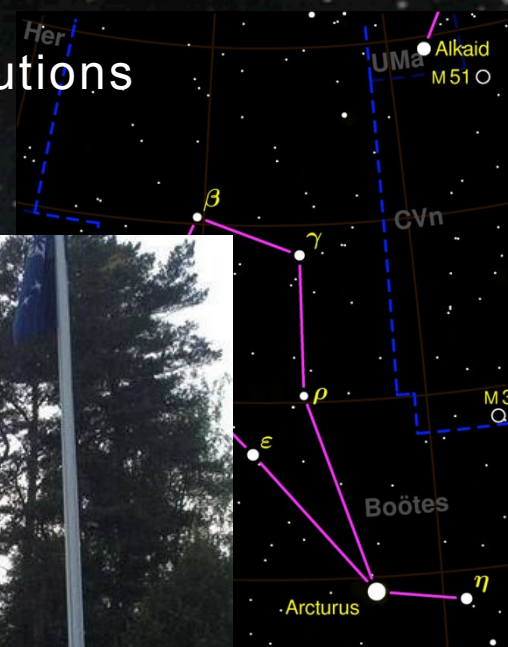
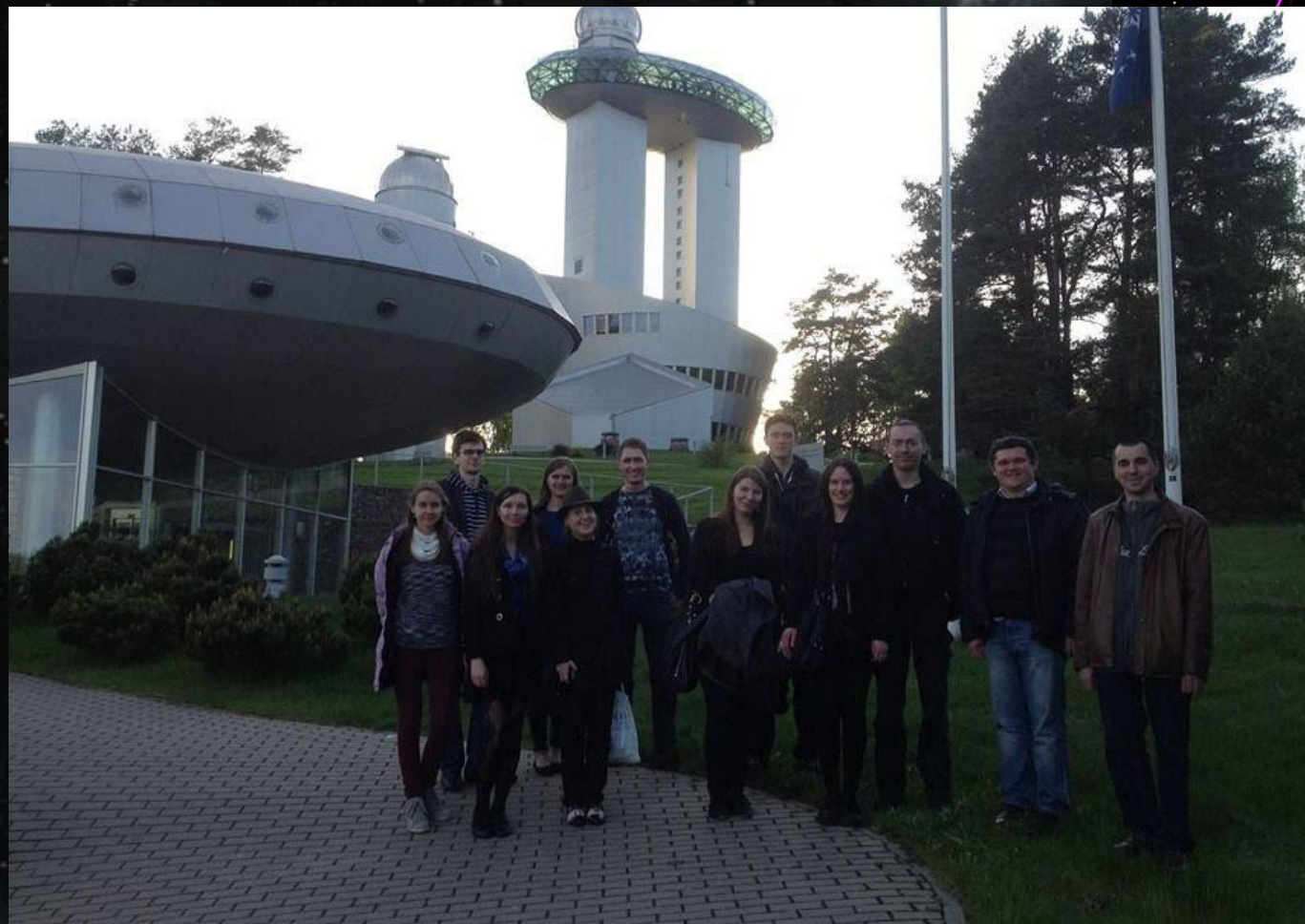




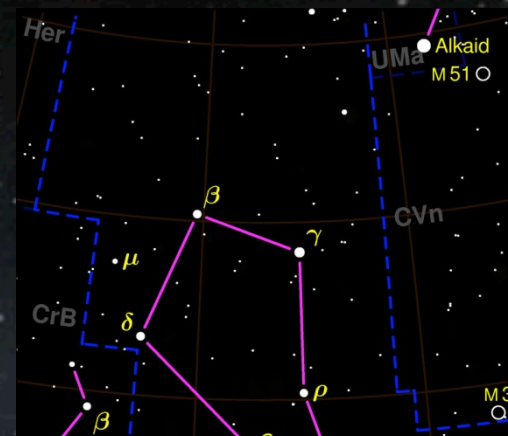


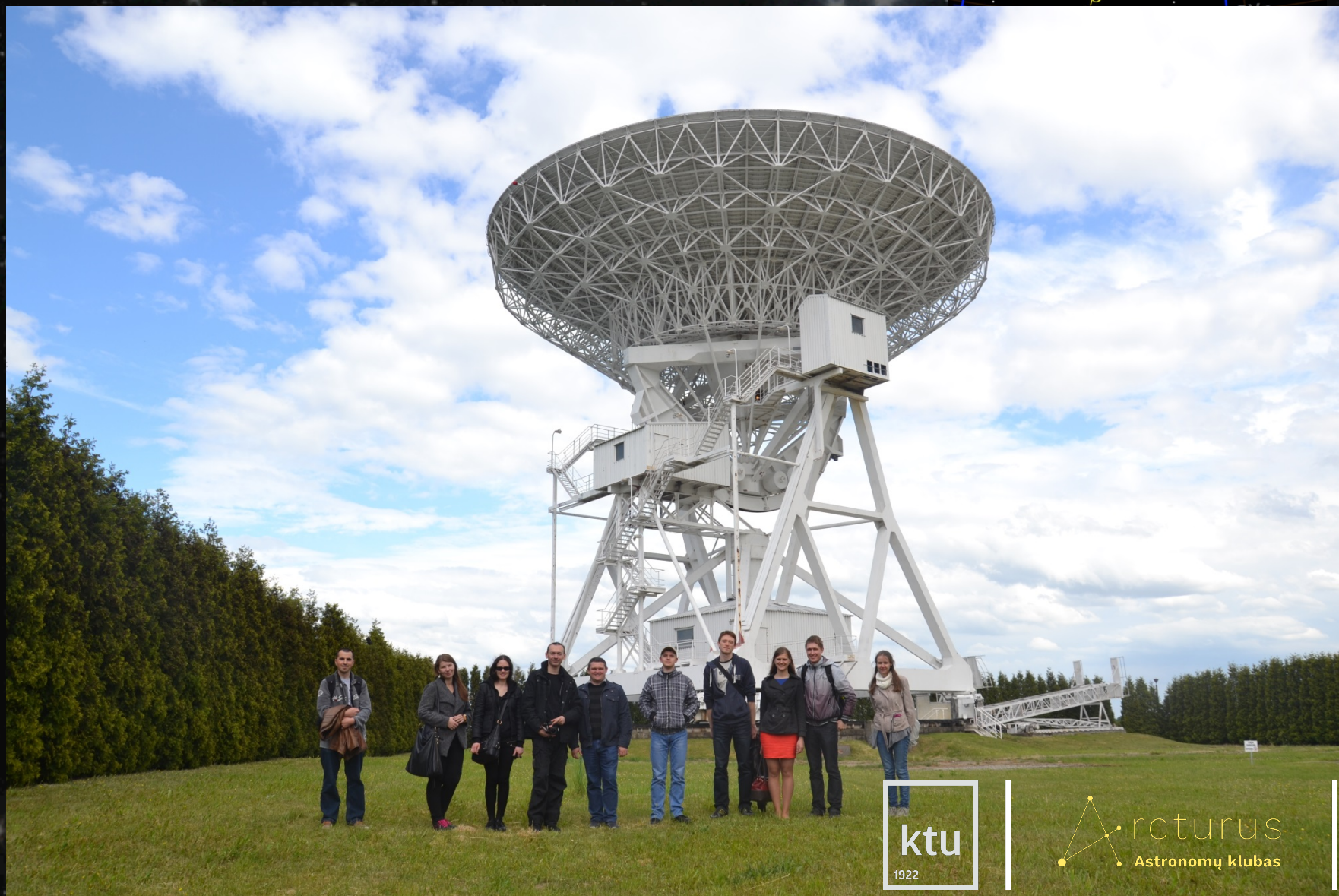
Visiting various astronomical observatories and institutions

Lithuanian Ethnocosmology museum.



Department of Radio Astronomy, Poland.

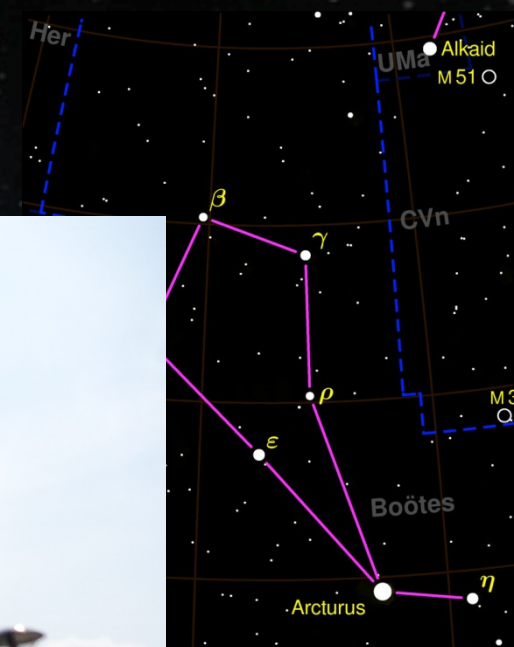




Visiting Torun – the birth place of Nicolaus Copernicus.



Visiting Štefánik Observatory in Prague



Planned project: to develop astrophotography with Etnocosmology museum



Thank You for Your attention!
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