

V. Tarady, A. Sergeev, N. Karpov

ICAMER NASU, INASAN RAS

International project

“Astronomy in Elbrus region”



Peak Terskol Observatory

Peak Terskol Observatory. View on Elbrus side.



TELESCOPES
of the peak Terskol Observatory

“Zeiss-2000” Telescope Tower. View on the mountain Elbrus.



Mirror Telescope “Zeiss-2000”





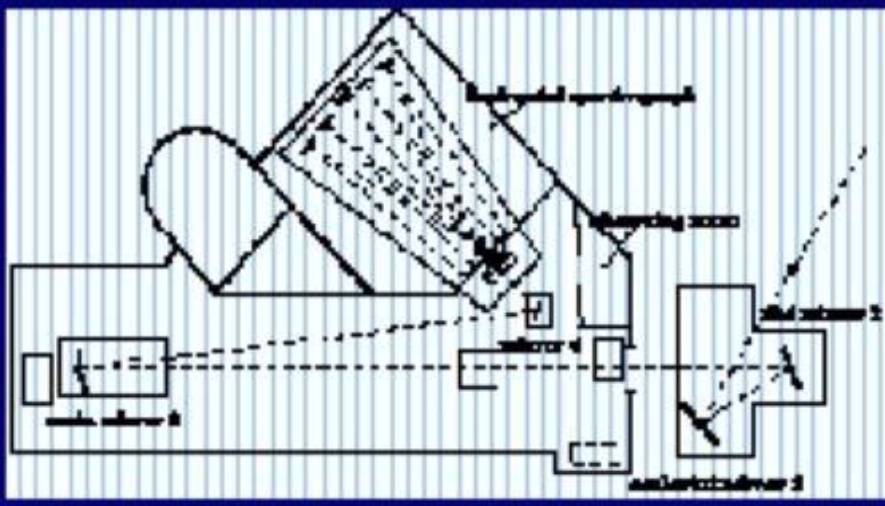
Zeiss – 2000

Ritchey-Chretien-Coude

Main mirror		
Diameter		2m
Focal length		5,6m
Richi-Cretien		
Focal length		16m
field of view		1.18°
Coude		
Focal length		72m
Field of view		5'

Investigation of the 2-m telescope optics and seeing at the Terskol Peak Observatory





Horizontal Solar Telescope ACU – 26

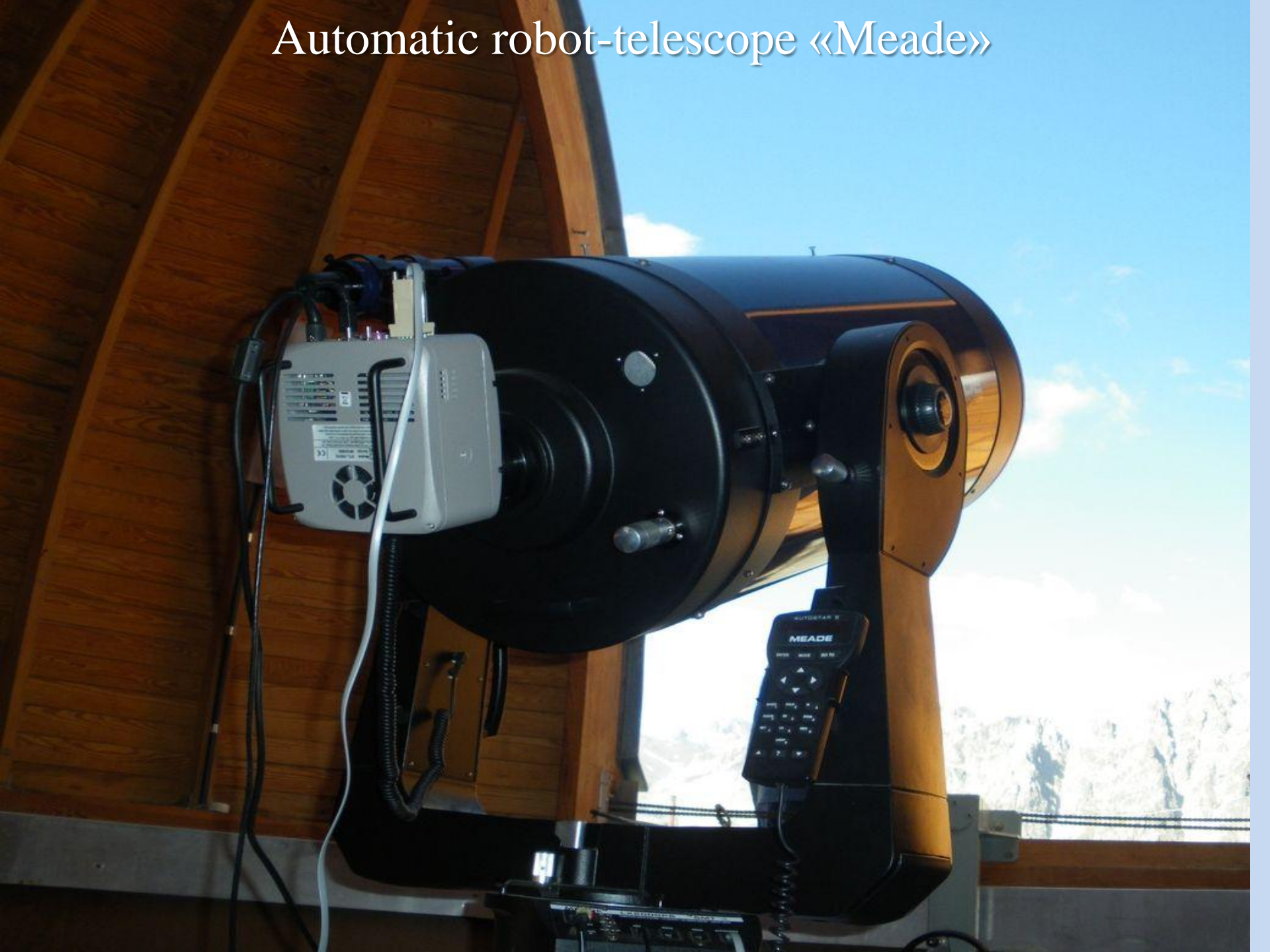


Mirror Telescope "Zeiss - 600"

Automatic robot – telescope «Celestron»



Automatic robot-telescope «Meade»



**International collaboration
at peak Terskol Observatory**

Program

«Fundamental and applied studies of problems of astronomy, ecology and medicine at mountain regions of the Elbrus region (1999 – 2003)

International Program

“Astro-cosmic research in the Elbrus region. 2004-2008”

- 33 projects
- 14 directions of studies in the field of astronomy and geodynamics
- 30 institutes from Russia, Ukraine, Bulgaria, Poland, Germany, Southern Korea and others
- 16 countries

International Program

“Astronomy in the Elbrus region. 2010–2014”

- Included 42 projects of fundamental and exploratory research and developments
- 38 scientific organizations of foreign countries participated in the implementation of this program
- The program was approved by the international association of academies of science

International Program

“Astronomy in the Elbrus region. 2015–2019”

- Includes 31 projects of fundamental, applied and exploratory studies and developments
- 22 scientific organizations of foreign countries participated in the implementation of this program
- The program was approved by the international association of academies of science

Participants of international project “Astronomy in the Elbrus region”



САО
РАН

ИНАСАН
РАН

ИКИ
РАН

ГАО
НАНУ

АО
ХНУ

ИЯИ
РАН

АО
ОНУ

ГАО
РАН

АО
КНУ

ГАИШ
МГУ

МЦАМЭИ
НАНУ

ГЕРМАНИЯ
Институт
Астрономии

ФРАНЦИЯ
Обсерватория
Безансон

Латвия
Университет
Рига

ПОЛЬША
Университет
Коперника

БОЛГАРИЯ
Институт
Астрономии

Ю. КОРЕЯ
Университет
Чонбук

ФРАНЦИЯ
Институт Небесной
механики

СЛОВАКИЯ
Институт
Астрономии

ГРЕЦИЯ
Университет
Салоники

A night sky filled with stars, with the Milky Way galaxy visible as a bright, hazy band of light stretching across the upper half of the frame. The foreground is dark, showing the silhouette of a telescope dome and the outlines of a mountain range or rocky terrain.

Thank You for Your attention !