



# NORTH CAUCASIAN STATE ACADEMY

*ipsa scientia potestas est*  
*knowledge itself is power*

## Institute of Digital Technologies

**JOIN US!**

Evolving since **1996** to meet the growing demands of **the digital age**.  
Today, we offer innovative programmes in **applied mathematics, software engineering, and data science, astrophysics**, preparing students for careers in a **tech-driven** world.



**KUMRATOVA ALFIRA  
MENLIGULOVNA**

Doctor of Economics, Professor  
of the Department of Applied  
Informatics  
**Director of the Institute  
of Digital Technologies**



**EDIEV DALHAT  
MURADINOVICH**

**Doctor** of Physical and  
Mathematical Sciences,  
**Professor** of the  
Department of  
Mathematics



**ALIEV OSMAN  
ISMAILOVICH**

PhD in Economics,  
Associate Professor,  
Department of Applied  
Informatics, **Vice-Rector for  
Research, Informatisation  
and International  
Cooperation**



Over **650** students.

Over **1500** graduates,

with more than **30%**  
earning honors  
diplomas.

Our alumni succeed in  
**tech companies,**  
**research, and**  
**academia worldwide.**





Students learn from highly qualified professors, including **PhD holders** and **industry experts**. Our teaching combines theoretical foundations with hands-on projects, ensuring graduates are ready for real-world challenges.



**VALYAVIN GENNADY  
GENNADIEVICH**

**Doctor** of Physical and Mathematical Sciences, Director of The "**Special Astrophysical Observatory of the Russian Academy of Sciences**", Head of the Department of **Astrophysics**



**KOCHKAROV  
AKHMAT  
MAGOMEDOVICH**

**Doctor** of Physical and Mathematical Sciences, Head of Department, **Professor** of the Department of Mathematics, Honoured Worker of Higher Education of the Russian Federation



**TAMBIEVA  
DZHANET  
ALIEVNA**

**Doctor** of Economics, **Professor** of the Department of Applied Informatics

New **Astrophysics** programme blends astronomy, physics, math and IT.

NCSA collaborates with the Special Astrophysical Observatory of the Russian Academy of Science (**SAO RAS**).

Which is **Russia's largest astronomical centre** for ground-based observations of the Universe.

SAO RAS telescope used to **be the world's largest astronomical instrument**.

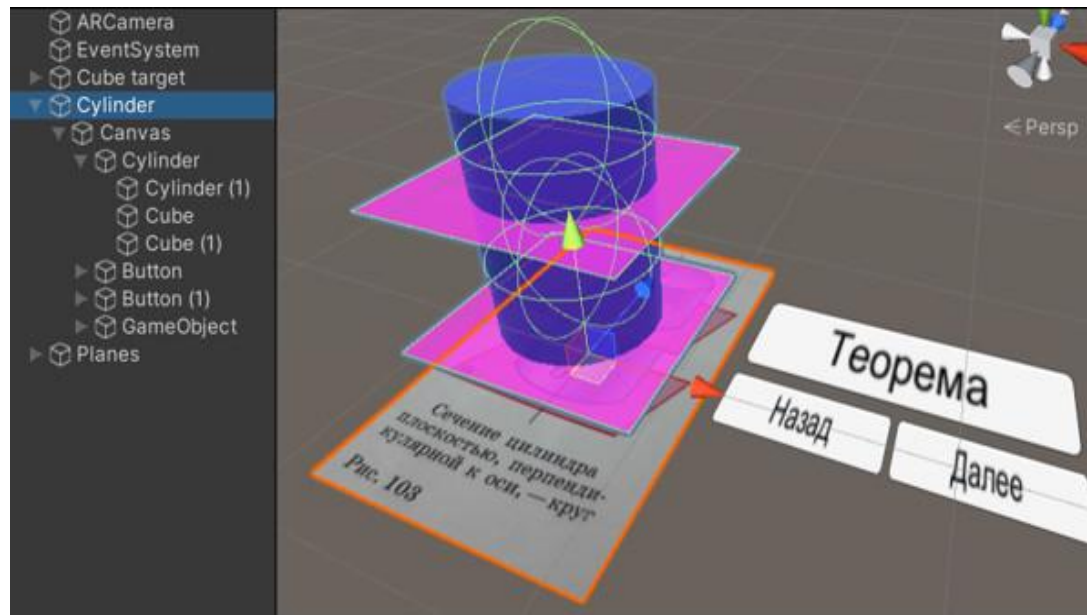




# THE CONSTRUCTION OF THE KARACHAY-CHERKESS **SCIENTIFIC EDUCATIONAL CENTRE** (CAMPUS) '**ELBRUS**' IS IN THE WORKS

**The Digital Technology Laboratory and Planetarium** will become key centres of attraction for students, teachers and researchers.

They will enable us to go beyond traditional teaching and offer students cutting-edge experience in the fields of digital technology and astronomy.



# ACADEMIC PROGRAMMES

## UNDERGRADUATE

- **Applied Mathematics and Informatics**
- **Applied Mathematics**
- **Applied Informatics in Law**
- **Applied Informatics in Economics**
- **Software Engineering**
- **Mathematical and Information Systems and Technologies in Astronomy**

## POSTGRADUATE

- **Applied Informatics in Economics and Management**



# NORTH CAUCASIAN STATE ACADEMY

*ipsa scientia potestas est*  
*knowledge itself is power*

## Institute of Digital Technologies

**JOIN US!**