**Forum of Young Physicists**

PROGRAM

**Oral presentation session**

1. Abakumov Alexandr, Lobyntsev Eugene

The use of radiation in life

2. Samarinova Alice

Future prosthetic: towards the bionic human

**Porter session**

1. Bokova Polina, Kuzmina Karina

Natural phenomenathrough prism of physics

2. Skudarnov Arkadii, Sailubek Alibek

What is a Black Hole?

3. Volodchenko Elizaveta, Kondratenko Julia

Amazing Solar System

4. Kaziev Rusta, Panin Vladislav

The principle of operation of solid state laser

5. Bezlepkina Nadezhda, Lasovaya Evgeniya

Holograms and their application

6. Kutsev Maxim

Creation of implants in metal physics using biomaterials

7. Prokhorov Evgenii, Matvienko Anzhelika

The Big Bang Theory

8. Yudin Maxim, Bogdevich Alex

Quantum nonlocality, game of Bell

9. Mikhailova Valeriya, Baskhaev Dmitriy

The aggregate state of jelly

10. Kaldybek Aruzhan, Anisova Daria

Computing Machinery and Intelligence

11. Maria Popova

Total Internal Reflection of Light and Its applications

12. Konstantin Kim

Solar energy - facts and advantages about solar power

13. Alexei Nekhoroshev

Stellar Evolution - The Birth, Life, and Death of a Star

14. Yaroslav Andreev, Alexander Olekhnovich

Wind Power: Information and Facts

15. Roman Kurdyukov, Oleg Nosyrev

Galileo Galilei

16. Kristina Arinina, Anastasia Tarakanova, Altyn Kaiyrbekova

The Earth’s magnetic fields

17. Irina Yakovleva, Svetlana Timoshevskaya

Reactive motion

18. Anton Tartygin

Electromagnetic and mechanical fluctuation

19. Yana Mikhailova, Arina Shishelova

 Lazers in medicine

20. Begimay Taalaibekova, SalamatTurganbaeva

Mpemba effect or why hot water freezes faster than cold?

21. Sergey Balandov, Artyom Danilov

Shroedinger `s cat

22. Evgenia Dicheva, Elisaveta Ovchinikova

 How does a rocket take off

23. Vyacheslav Karyakin, Sharybkina K.

Scanners for brain