



Space Development: Theory and Practice

International Summer Space School

July 6 - 20, 2024

Moscow time (GMT+3)

July 6, Saturday

Participants arrive at Moscow and check in the hotel

July 7, Sunday

11:00 Cultural program: Red Square, Kremlin, Alexander's Garden

13:30 Lunch

15:00 Cultural program: Tretyakov art gallery

18:00 *Swan lake* ballet in State Kremlin Palace

July 8, Monday

10:00 Opening ceremony

12:00 Visit to the University laboratories

13:30 Lunch

14:30 Visit to Bauman Moscow State Technical University museum

16:00 Introduction to team project. Lecture by Vladimir Igritskiy, PhD, team project supervisor (Online conference)

18:00 Dinner

19:00 Rocket modeling class. Introduction to rocket modelling by Nikolai Pavlov, rocket modelling class instructor

July 9, Tuesday

10:00 *Evolution of the Interstellar Environment* lecture by Vladimir Surdin, PhD, MSU professor, Senior Researcher of Sternberg Astronomical Institute, Moscow State University (Online conference)

13:30 Lunch

15:00 Team project (Online conference for each team)

17:30 Dinner

19:00 Team project (Online conference for each team)

July 10, Wednesday

10:00 Visit to *Zvezda* Research & Production Enterprise

13:30 Lunch

16:00 *Humans in Space: Current Problems and Future Challenges* lecture by Oleg Orlov, RAS Member, Director of the Institute of Biomedical Problems of the RAS (Online conference)

18:00 Dinner

19:00 *Prospects of Moon development and lunar bases* establishment lecture by Lev Zelenyi, RAS member, RAS Space Research Institute advisor

21:00 Team project (Online conference for each team)

July 11, Thursday

10:00 Visit to Mission Control Centre, Korolev, Moscow region

13:30 Lunch

15:00 Visit to Rocket & Space Corporation Energia display facility

18:00 Dinner

19:00 Team project (Online conference for each team)

July 12, Friday

10:00 Team project

13:30 Lunch

15:00 Team project

18:00 Dinner

19:00 Visiting *Poklonnaya Gora* Second World War memorial

July 13, Saturday

10:00 Tour of BMSTU Rocket and Space Technology Display Facility in Orevo (Online conference)

13:30 Lunch

15:00 Cultural Program: Holy Trinity-St. Sergius Lavra

18:00 Dinner

19:00 Team project (Online conference for each team)

July 14, Sunday

10:00 Rocket modeling class

13:30 Lunch

16:00 *History of Human Space Flight: from Gagarin to ISS* lecture by Victor Zelentsov, PhD, BMSTU associate professor (Online conference)

18:00 Dinner

19:00 Moskva river boat trip

July 15, Monday

10:00 Tour of *NPO Lavochkina* museum. *Russian achievements and developments in deep space exploration and planetary exploration* educational presentation

13:30 Lunch

16:00 Round table discussions with cosmonauts on deep space exploration (Online conference)

18:00 Dinner

19:00 Team project (Online conference for each team)

July 16, Tuesday

10:00 Visit to Gagarin Cosmonaut Training Center

13:30 Lunch

15:00 Visit to Russian Air Force museum, Monino, Moscow region. Lecture on Russian aviation history

18:00 Dinner

19:00 Team project (Online conference for each team)

July 17, Wednesday

13:30 Lunch

15:00 Preparation of a presentation by each thematic group on the results of its part of the team project (Online conference)

18:00 Dinner

19:00 All teams get together to discuss the Final Presentation (Online conference)

July 18, Thursday

10:00 Visiting *Kremlin in Izmailovo* cultural center. Souvenir market.

13:30 Lunch

15:00 Tour of BMSTU Mission Control Centre

18:00 Dinner

July 19, Friday

16:00 Final Presentation of the team project. Closing ceremony (Online conference)

18:00 Dinner

July 20, Saturday

Participants depart Moscow