



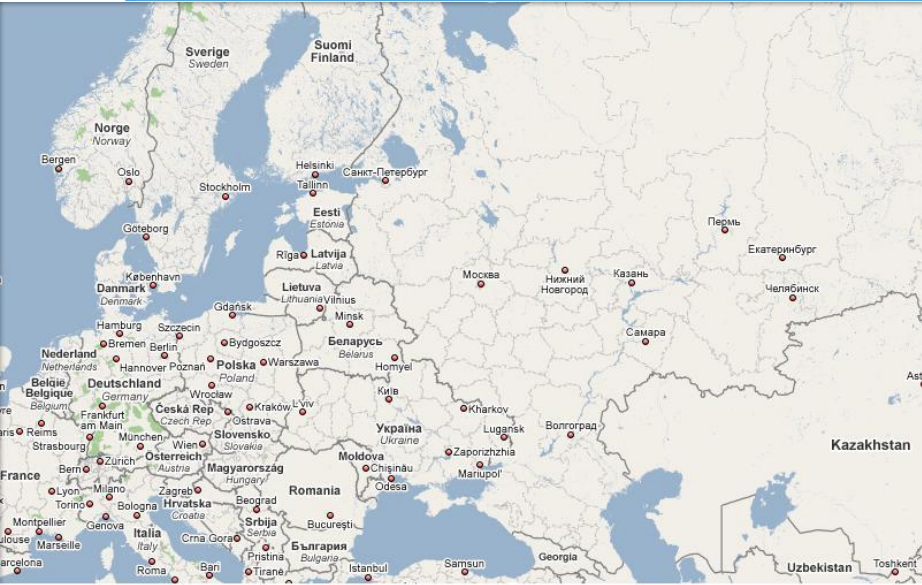
САМАРСКИЙ УНИВЕРСИТЕТ
SAMARA UNIVERSITY

UN/Russian Federation Workshop On Capacity-Building in Space Science and Technology for Sustainable Social and Economic Development the 21st Century

October 30 – November 2, 2017
Samara city, Russia



Samara city – informal Russian space capital

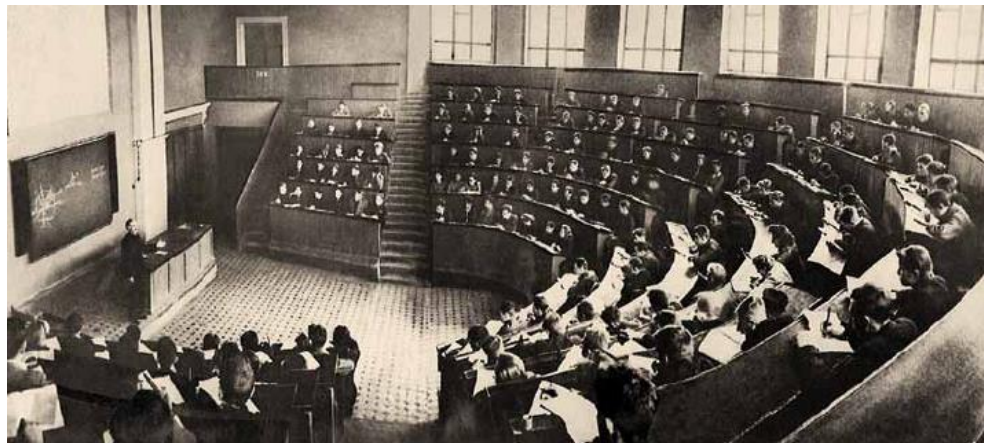




Samara National Research University



75-th anniversary of Samara University foundation



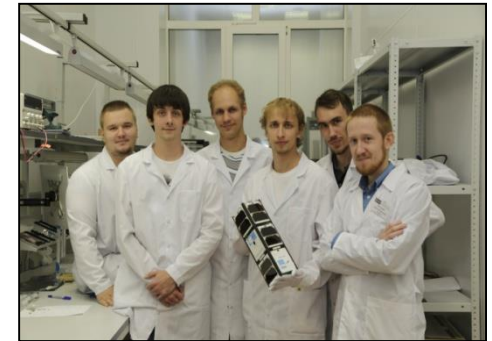
At the end of 1941 in our city called Kuibyshev were evacuated enterprises of aviation industry that got the plan to produce airplanes IL-2 and aviation equipment. To prepare staff for this enterprises was founded Kuibyshev aviation institute. In October 1942 first students began to learn. Today it is Samara National Research University.





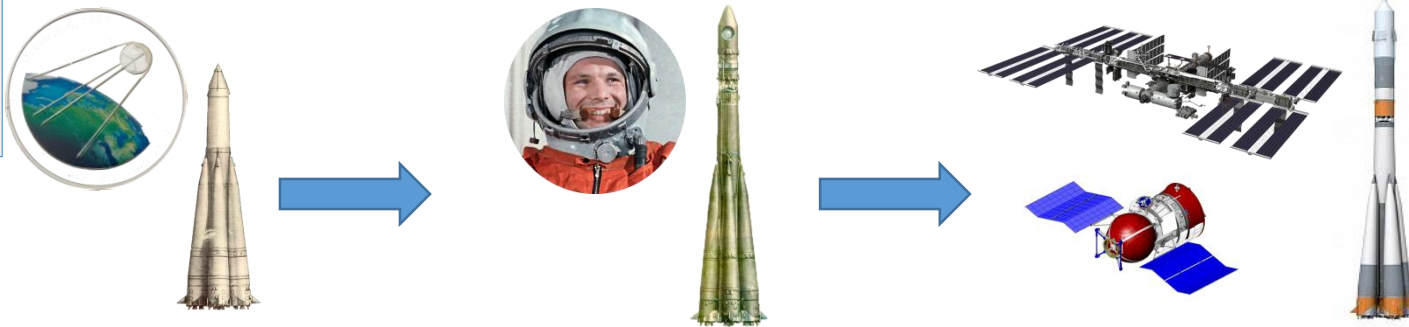
Educational capabilities of Samara University

- ❑ Since 1942 till now more than 70 000 students graduated from SSAU
- ❑ 10 schools, total 15 000 students
- ❑ 19 middle, 70 high, 35 postgraduate programs receive state license
- ❑ 54 departments (chairs), more than 800 lecturers
- ❑ Media center
- ❑ Total area of buildings 200 000 sq. meters
- ❑ Sport complex with swimming pool
- ❑ Aeronautics museum
- ❑ Aviation engines history center
- ❑ Training airdrome
- ❑ 7 dormitories and hotel





Space Rocket Centre PROGRESS



The PROGRESS Space-Rocket Centre Joint Stock Company (JSC SRC Progress) is a leading Russian enterprise and one of the world's space industry leaders, providing launches from four launching sites (Plesetsk, Baikonur, Vostochny, Guiana Space Center).

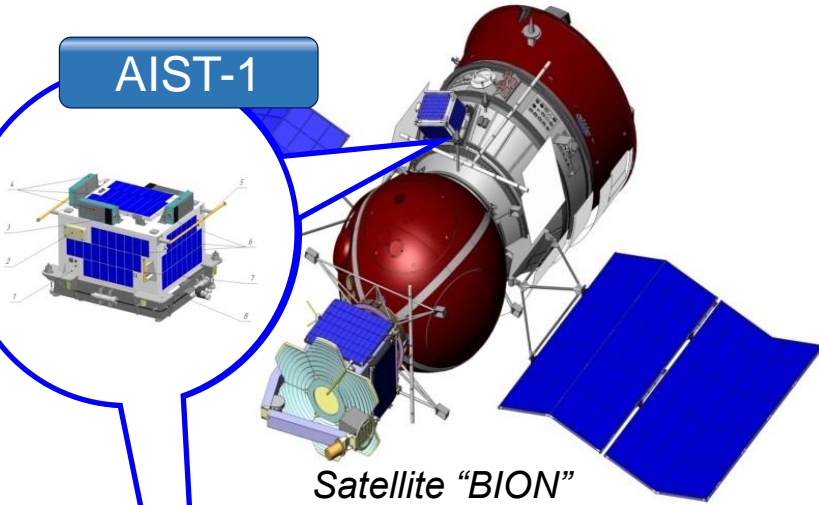
Over 20 thousand highly skilled employees are occupied at the SRC Progress.

The employees of the enterprise have created the Soyuz launch vehicle family (1867 rockets), Earth remote sensing and scientific satellites (991 satellites) and the Volga upper stage.



PROJECTS IN SPACE AND ROCKET AREAS

AIST-1



Satellite "BION"



Partner – Rocket and Space Center
"Progress" (Roskosmos)

19.04.2013 AIST-1 – Baikonur Launch Complex

28.12.2013 AIST-1 – Baikonur Launch Complex

28.04.2016 AIST-2 – Vostochniy Launch Complex

AIST-2



Launch vehicle "Volga"



2016 UNOOSA meeting: collaboration with developing countries



Agreements of collaboration:

- The Arthur C Clarke Institute for Modern Technologies (ACCIMT), Sri Lanka;
- The Centro regional de Enseñanza de Ciencia y Tecnología del Espacio para América Latina y el Caribe;
- The National Commission on Space Activities of Argentina (CONAE);
- The National Commission on Space Activities of Peru (CONIDA);
- The African Regional Centre for Space Science and Technology Education in English (ARCSSTE-E)



Objectives of Symposium

- To increase awareness among decision makers and representatives of research and academic community of space technology applications for addressing social and economic development;
- To examine cost-effective space-related technologies, services and information resources available for addressing socio-economic development needs in developing countries;
- To promote international, regional and national capacity-building initiatives for developing and strengthening national space infrastructures;
- To strengthen international and regional cooperation in the subjects.





Topics of Symposium

- Applications of space-related technologies, services and information that provide cost-effective solutions and essential input for planning and implementation of programmes or projects addressing social and economic development.
- Role of universities in expanding the user community of space science and technology applications.
- Needs of end users engaged in the use of space-related technologies in developing countries.
- International initiatives, programmes and cooperation in such areas as microsatellites, Earth observations, GNSS, basic space sciences, integrated application of space technologies for global health and natural disaster management.
- Capacity building in developing countries, including discussions on human, financial and technical resources required for successful use of space technologies, information and services.
- Presentations on practical experiences and case studies by participants from developing countries.





Special topics from Samara space

- Lessons learned and new ideas for carrying out of new space educational programs (for example, International Summer Space Schools), and realization international space projects oriented to capacity building for youth from developing countries



- Lessons learned and opportunities given by enterprises of Samara Aerospace Cluster for launch services on Soyuz rocket carriers (including piggy back orbiting of micro/nano satellites for universities and small start-up companies), carrying out experiments in zero-gravity environment on board of scientific space vehicles FOTON/BION type, utilization of own mini/micro/nano space platforms for manufacturing of satellites for economics, science and education in developing countries





SIGHTSEEING



Samara Space Museum



University's training airdrome
Establ. 1953, having 25 aircrafts of
various types including Tupolev TU-144





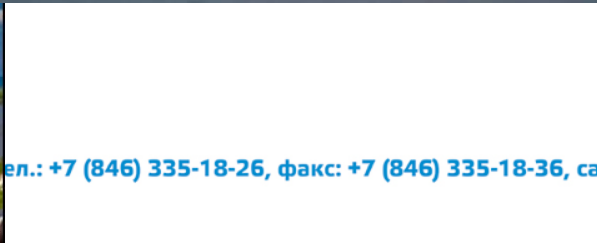
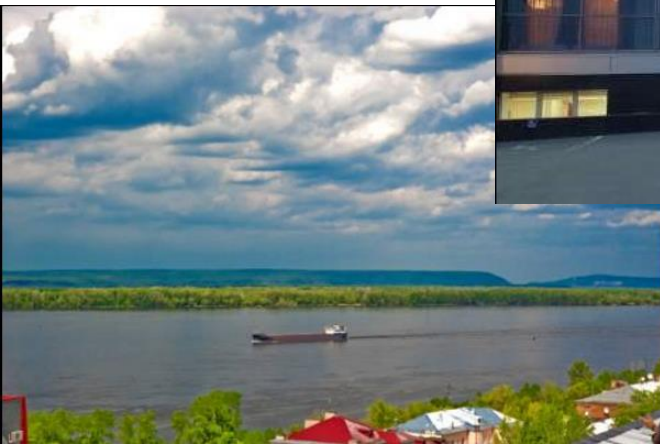
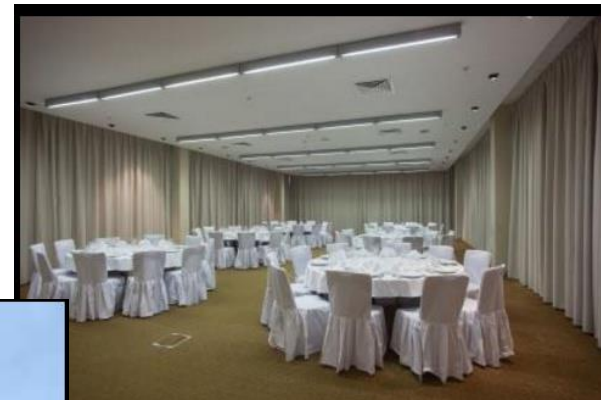
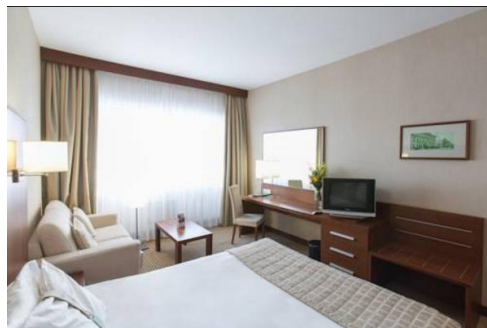
Samara University - Aviation engines history center





Accommodation

Hotel Holyday Inn is placed in the old part of city near the Volga river and has all facilities for carrying out international conferences and symposiums <https://hi-samara.ru/>



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Transportation by flights

International airport Kurumoch (KUF) is modern airport which has connected with other countries via Moscow (SVO, DME) by 14 flights per day (flight time is 1,5 hours) http://samara.aero/en/raspisanie_reysov





Transportation by trains

Samara is connected with Moscow by 14 trains per day (distance is 1052 km).

The time to destination is 14 hours and more <http://eng.rzd.ru/> .





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SAMARA UNIVERSITY

Thank you for attention

Welcome to Samara

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