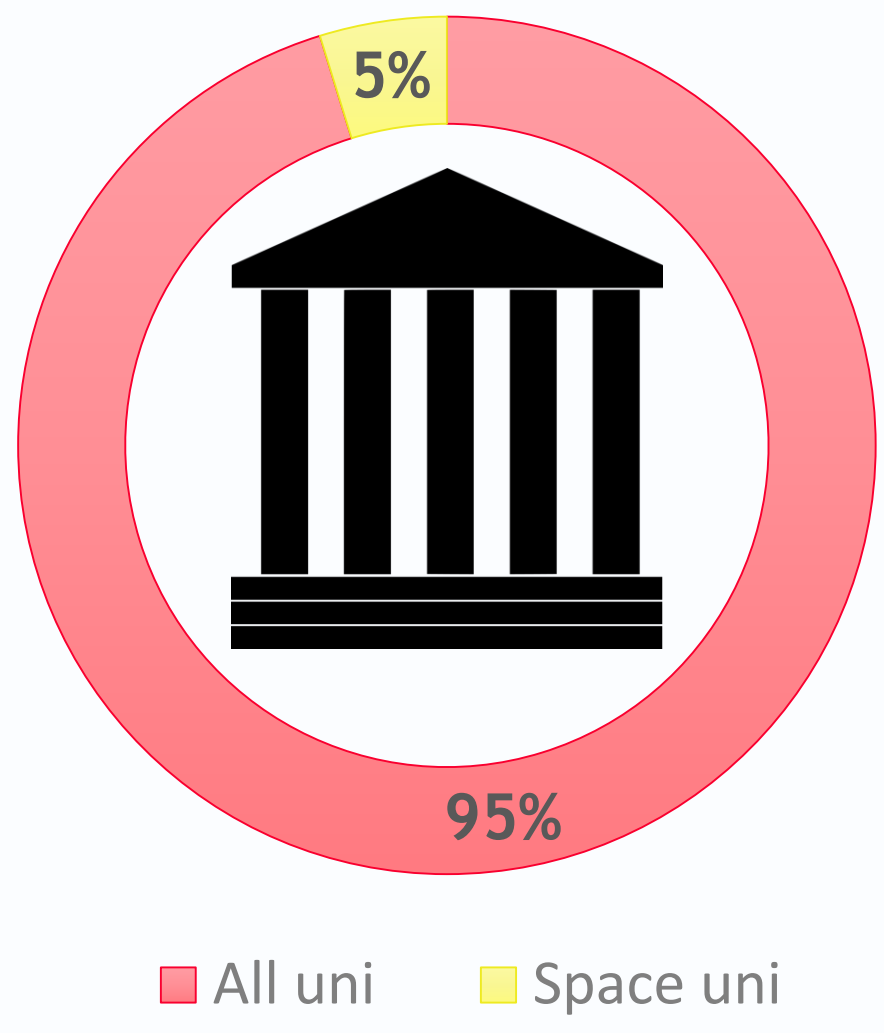


THE ROLE OF ACADEMIA FOR SECURE, SAFETY AND PEACEFUL USE AND EXPLORATION OF OUTER SPACE

RUSSIAN UNIVERSITIES

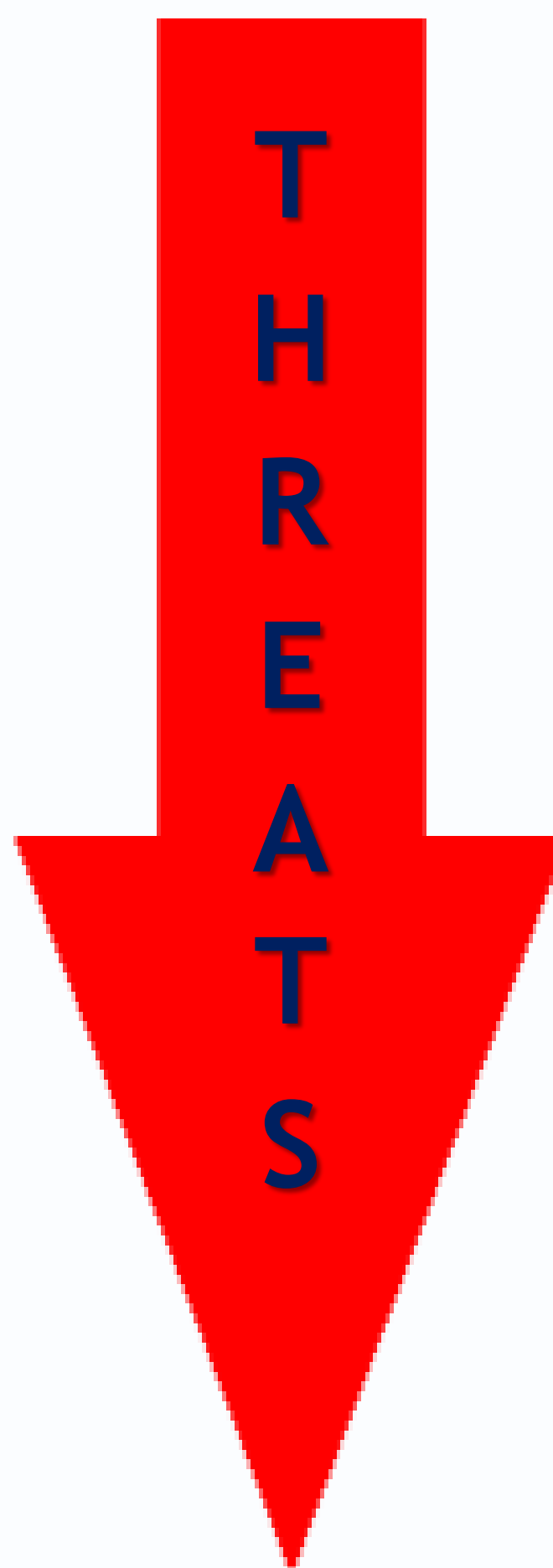


≈55 Russian universities are specialized in space-applied directions except of the social and human sciences

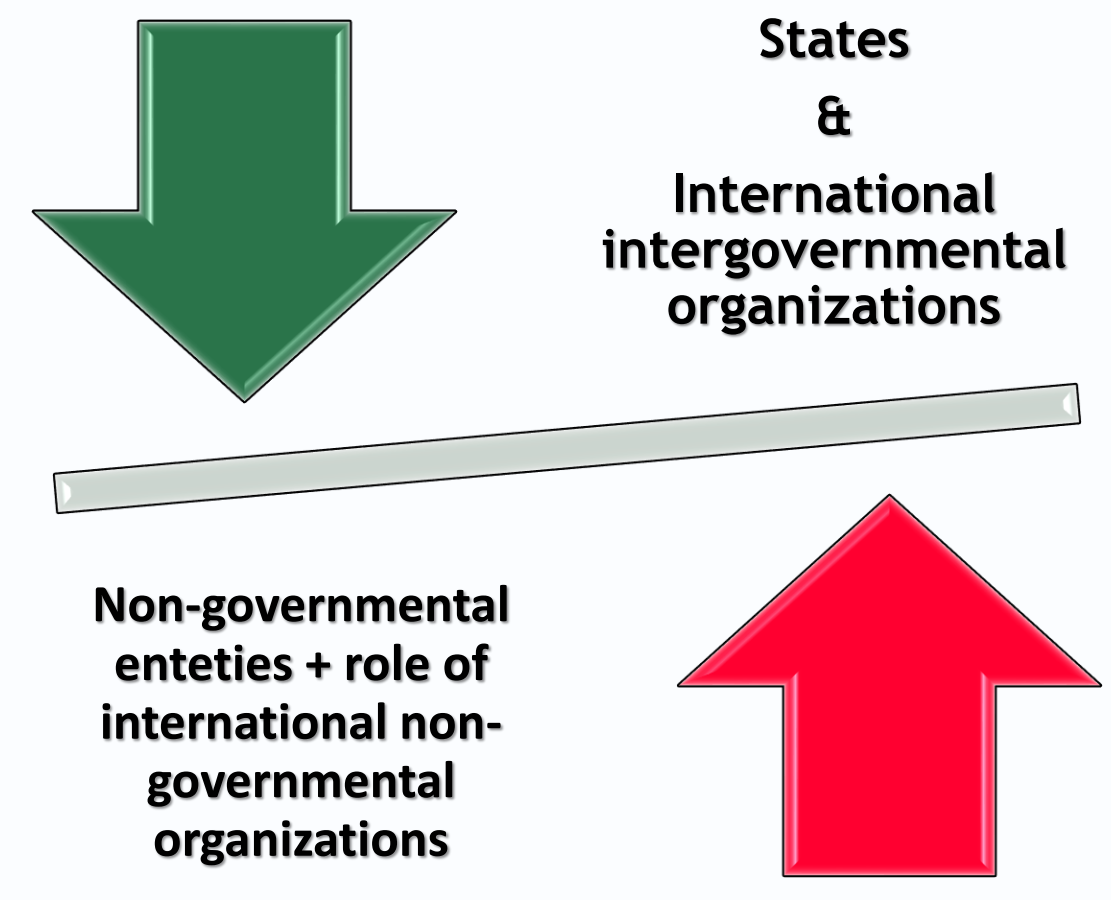
- « Space » universities
- Samara National Research University
 - Bauman Moscow State Technical University
 - Kazan National Research Technical University named after A.N. Tupolev
 - Russian State Technological University named after K.E. Tsiolkovsky
 - Moscow Aviation Institute (State Technical University)
 - Saint Petersburg State University of Aerospace Instrumentation
 - Reshetnev Siberian State University of Science and Technology (Reshetnev University)
 - MIREA - Russian Technological University
 - etc.

Specialists and discoveries in astronomy, astrophysics, space technologies, biology, telemedicine, engineering, mechanics, chemistry etc.

Unknown spheres of space activities/application



- space debris is going up on different kinds of orbits;
- no rules for space traffic management;
- no specific rules for utilization of natural resources;
- unclear status of a space tourist;
- militarization of outer space;
- asteroid and comet hazards;
- safety of outer space environment in a whole;
- aeronavigation;
- etc.



Robert Hutchings Goddard
an American engineer, professor, physicist, and inventor who is credited with creating and building the world's first liquid-fueled rocket

Konstantin Tsiolkovsky
a Russian and Soviet rocket scientist and pioneer of the astronautic theory.

Robert Albert Charles Esnault-Pelterie
a French aircraft designer and spaceflight theorist

Hermann Julius Oberth
One of the founding fathers of rocketry and astronautics

Elon Reeve Musk
a technology entrepreneur, investor, and engineer; the founder, CEO, and chief engineer/designer of SpaceX

Jeffrey Preston Bezos
an American internet and aerospace entrepreneur, media proprietor, and investor; founded Blue Origin, a human spaceflight startup company

Sergei Korolev
a lead Soviet rocket engineer and spacecraft designer during the Space Race between the United States and the Soviet Union in the 1950s and 1960s. He is regarded by many as the father of practical astronautics.

Wernher Magnus Maximilian Freiherr von Braun
a German and later American aerospace engineer and space architect.

Yusaku Maezawa
a Japanese billionaire, entrepreneur, and art collector, will be the first commercial passenger to attempt a flyby around the Moon

MIR
a space station that operated in low Earth orbit from 1986 to 2001 by the Soviet Union and later by Russia; the first modular space station

Valentina Tereshkova
the first and youngest woman to have flown in space with a solo mission on the Vostok 6 on June 16, 1963

Alexei Leonov
the first human to conduct a spacewalk, exiting the capsule during the Voskhod 2 mission for 12 minutes and 9 seconds

Yuri Gagarin
the first human to journey into outer space, achieving a major milestone in the Space Race

The International Space Station
space station (habitable artificial satellite) in low Earth orbit. The ISS programme is a joint project between five participating space agencies: NASA (United States), Roscosmos (Russia), JAXA (Japan), ESA (Europe), and CSA (Canada).

* Since 2002 International Département of RUDN University organizes Blischenko Congress in the framework of which round-table titled "Actual legal issues of exploration and use of outer space" is held, only one all-around conference in that sphere in Russia!

Lawyers created international legal regime of outer space activities, determined status of outer space and celestial bodies due to scientific and technological progress, and to date lawyers try to help international community to be in safety during carrying out space activities

Gennadiy Zhukov
30.04.1924 - 21.07.2014
RUDN University
Major monographs: "Space Law" (Moscow, 1966), "International Space Law" (NY, 1984; in cooperation with Y.M. Kolosov), "Space and peace" (M., 1981), "International legal problems of disarmament today" (Moscow, 1975), "Dictionary of International Space Law" (co-authored) (Moscow, 1992); "L'Adaptation du Droit de l'Espace a ses nouveaux defies" (co-authored) (Paris, 2007); "International Space Law and the challenges of the XXI century. The 50th anniversary of Yuri Gagarin's flight into space" (2011), Chapter "Evgeny Aleksandrovich Korovin (12.10.1892 - 3.11.1964)" (co-authored) in the book "Pioneers of Space Law" (Leiden: Brill, 2013) etc.

2014, 2018 textbook "International Space Law" co-authored with A. Abashidze

Vladlen Vereshchetin
08.01.1932
1971 "Space and International Cooperation"

Aleksandr Piradov
09.03.1922 - 19.04.1996
RUDN University
1971 "Tendencies of Space Law"
1976 "International Space Law"

Yuri Kolosov
1934-2015
Moscow State University of Foreign Affairs
2006 "Some trends in the development of international space law"

Vagan Emin
12.12.1943 - 1989
RUDN University
1972 "Spacecrafts and International Law"

- 1) Space-based services and technologies are the important element in the achieving SDGs
- 2) Space is magnetic, it fosters people to discoveries, to research.
- 3) Space has no boundaries
- 4) It is integral part of humanity in XXI century

SOME RUSSIAN (SOVIET) INTERNATIONAL SPACE LAW'S LAWYERS

IRINA CHERNYKH, PhD,
assistant lecturer
International Law Department
RUDN University

http://intl.rudn.ru/
chernykh-ia@rudn.ru

