



New study program in space systems and communications engineering / SPACECOM

Kick-Off Meeting

March 4th, 2020

Tashkent University of Information Technology
(TUIT)



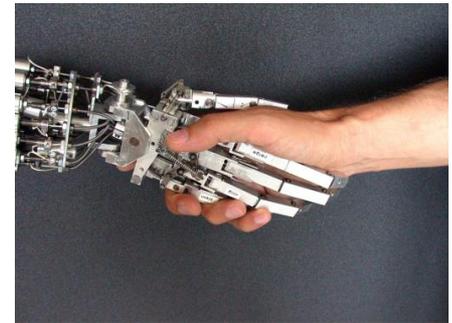
Co-funded by the
Erasmus+ Programme
of the European Union



University Profile

Technische Universität Berlin, a university with international reputation in Germany's capital:

- 3rd largest University of Technology in Germany
- research and teaching ranging from engineering and natural sciences to humanities and social sciences
- intensive cooperation between science and industry
- joint research projects with numerous non-university research institutes
- alliance between technology and humanities to meet the challenges of the future



Facts and Figures

Humanities

Mathematics and
Natural Sciences

Process Sciences

Electrical
Engineering and
Computer Science

Mechanical
Engineering and
Transport Systems

Planning - Building
– Environment

Economics and
Management



Students (2019)

Female	11.995
International	9.443

Degree programs

Bachelor	44
Master	93

Professors and other academic staff	792
Scientific and other staff	7.570

Budget:

From government	approx. 330 Mio. €
Additional (third party) funds	approx. 180 Mio. €

Prominent scholars



Chemistry

Carl Bosch
Fritz Haber
Gerhard Ertl

Physics

Gustav Hertz
Wolfgang Paul
Dennis Gabor

Eugene Paul Wigner
George de Hevesy
Ernst Ruska

Aerospace researchers

Wernher von Braun (1912-1977)
Heinz-Hermann Koelle (1925-2011)
Henri Marie Coandă (1886–1972)
Walter Dornberger (1895–1980)
Krafft Arnold Ehricke (1917–1984)
Wigbert Fehse (born 1937)
Klaus Riedel (1907–1944)
Arthur Rudolph (1906–1996)
Ernst Stuhlinger (1913–2008)

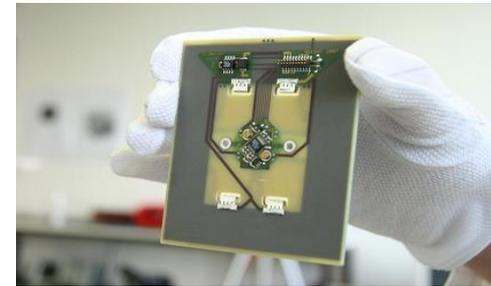


Our focus

Chair of Space Technology



Curricula in Space Technology



Space Technology Research



Theoretical and Hands-on
Education in Satellite Technology



Theoretical and Hands-on
Education in Rocket Technology



More than 60 years of history of satellite production and launches make Institute of Aero- and Astronautics of TU Berlin the global leader in satellite research among educational institutions

We have the biggest satellite fleet on the orbit – 12 launches in the last two decades



Project Team



Dmitriy Ostroverkhov



Prof. Klaus Brietz



Elena Eyngorn



Kristina Monchenko



Avazbek Ergashev



Ekaterina Chikhun

Role in SPACECOM

Core Curricula:

- "Satellite communication"
- "Satellite Technologies"
- "Applied Project Management for Space System"
- "Remote sensing and earth observation"
- "Soft skills for engineers/Start-up initiatives for engineers"

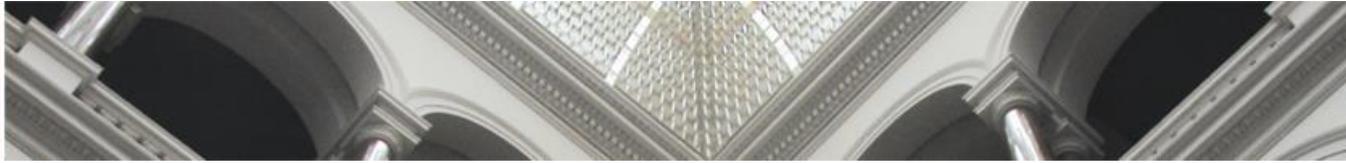
Development

- To organize a training course at developed curricula in Berlin;
- To assist the purchase of equipment (with support of Uzbek Partners and Coordinator)

Dissemination:

- Developing the project Web site on the server of TU-Berlin,
- Dissemination of project results to the German HEIs and business partners, and to the partner institutions of TUB

TUB leads the workgroup on need analysis and will organise a meeting for e-learning evaluation and exploitation agreement in Berlin.



Thank you for your attention!

Technische Universität Berlin
Department of Aeronautics and Astronautics,
Chair of Space Technology
Marchstr. 12, 10587 Berlin

MBA Elena Eyngorn
elena.eyngron@tu-berlin.de



Dipl.- Ing. Dmitriy Ostroverkhov
ostroverkhov@tu-berlin.de