



UNIVERSITY OF TARTU

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ESTONIA

- ▶ A small country in northeastern Europe
- ▶ 1.3 million inhabitants
- ▶ The Republic of Estonia was established in 1918, regained independence in 1991
- ▶ Capital: Tallinn
- ▶ Area: 45,000 km²
- ▶ Population: 1.3 million
- ▶ Official language: Estonian
- ▶ English, Russian, Finnish and German are widely spoken
- ▶ Member of the EU and NATO since 2004
- ▶ Currency: euro (since 2011)

estonia.ee



INNOVATIVE ESTONIA

- ▶ The first country to adopt online voting
- ▶ The only country in the world to offer e-residency
- ▶ Estonia is a digital society
- ▶ World-changing start-ups originate from Estonia: Wise, GrabCAD, Fortumo, Pipedrive, Starship Technologies, and Skype
- ▶ Excellent education. According to OECD's PISA results, Estonian basic education is the best in Europe and in the top 8 globally. Our pupils' science, math and reading skills are outranked only by Singapore and Japan.

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UNIVERSITY OF ENTIRE ESTONIA

Narva College is oriented towards a multicultural and multilingual society and education

Tallinn

Narva

Pärnu College is focused on services and entrepreneurship, specialising in the social sphere and tourism

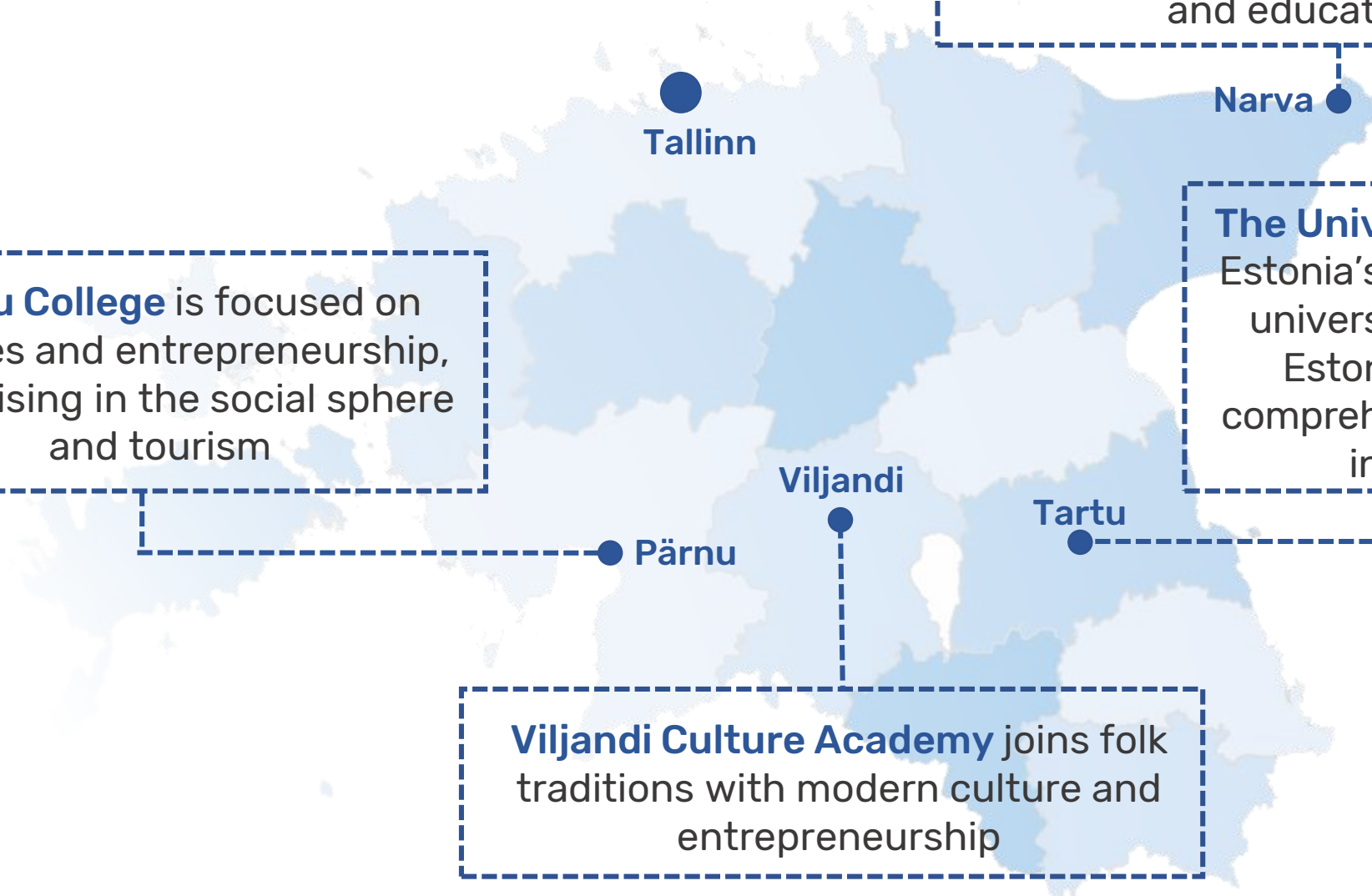
Pärnu

Viljandi

Tartu

The University of Tartu is Estonia's leading research university and the only Estonian-language comprehensive university in the world

Viljandi Culture Academy joins folk traditions with modern culture and entrepreneurship



TARTU

A true student town
where almost one in five residents
studies or works at the university



The only Estonian-language
comprehensive university in the
world

1632

King Gustav II Adolf of Sweden
founded Academia Dorpatensis

1802

Alexander I of Russia reopened
the University of Tartu as the imperial university

1919

Tartu University of the Republic of Estonia
was established

2019

marked the 100th anniversary
of Estonia's national university



MISSION OF THE UNIVERSITY OF TARTU

We bear responsibility for tackling challenges faced by society, we act as a pioneer of knowledge-based economy and promote the attitude of **lifelong learning and future skills**.

We ensure the continuity of Estonian language and culture.

As a strong research university, we **develop** education, research, technology and other creative activities throughout the world.





CORE VALUES

The university's mission, core values and vision have been described in the university's strategic plan for 2021–2025.



Research-based activities



Cooperation



Responsibility



Academic freedom and autonomy of the university



Openness



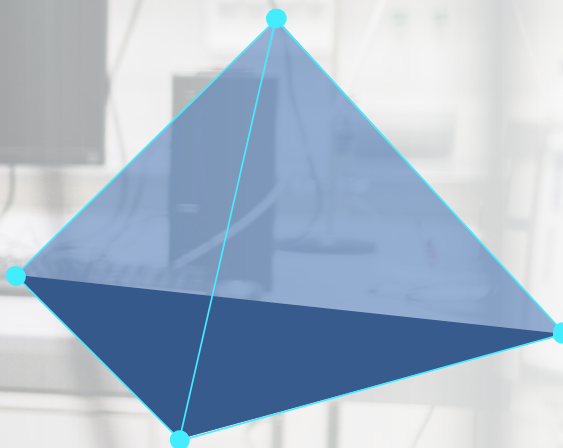
Human-centred approach and individual development

INTERNATIONAL NATIONAL UNIVERSITY

1. Promoter of Estonian language and culture
2. International university

EDUCATION

3. Inspiring learning environment
4. University of lifelong learning
5. Supporter of development of the talented



ORGANISATION

9. Inspiring and pioneering organisation
10. Key partner of regional development

RESEARCH

6. Influential research centre
7. Developer of research-based society
8. Accelerator of smart economy

VISION OF THE UNIVERSITY OF TARTU

We are one of the leading research universities in Europe, the centre of academic spirit and national culture in Estonia and an accelerator for the knowledge-intensive economy. We stick together and are an inspiring and open academic community.

UNIVERSITY GOVERNANCE



Rector

The head of the university

Council (11)

The highest decision-making body, responsible for the university's economic activities and long-term development



5 members from the university



6 members from outside of the university

Senate (22)

The highest academic decision-making body, responsible for teaching, research and development work at the university and ensuring its high quality



rector



16 staff members



5 students

Rector's Office (11)

The senior managers of the university, advisory body to the rector: coordinates the implementation of the decision of the university's structural units



rector



vice rectors, area directors



deans

The university comprises strong academic units and support units with their own statutes and budgets.



2023

Budget: 227,343,563 €



Revenue

€

from teaching activities	110,915,551
from R&D activities	102,922,894
Other income	5,022,905

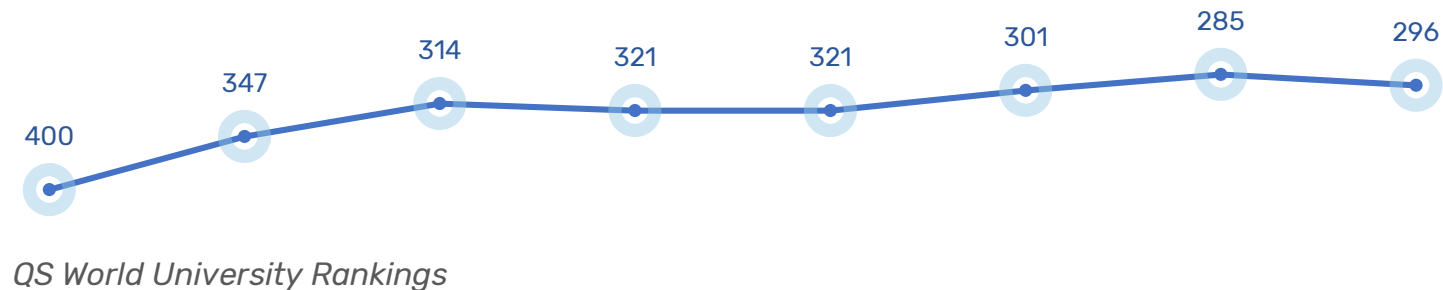
R&D grants

€

Baseline funding from the government	23,878,065
Domestic grants	13,571,121
International grants	12,323,406
Structural funds	10,854,646



UNIVERSITY IN RANKINGS



The University of Tartu is the only Baltic university among **1% of the world's best universities.**

QS WORLD UNIVERSITY RANKINGS

15 University of Tartu disciplines are included in the 2022 ranking of the QS World University Rankings by Subject:

- ▶ **151–200:** biological sciences, geography
- ▶ **201–220:** politics
- ▶ **201–250:** agriculture and forestry, education and training, English language and literature, linguistics, sociology
- ▶ **201–300:** medicine
- ▶ **301–330:** modern languages
- ▶ **301–340:** law and legal studies
- ▶ **301–350:** computer science and information systems
- ▶ **451–500:** physics and astronomy, chemistry
- ▶ **501–520:** economics and econometrics





MOST REPUTABLE UNIVERSITY IN ESTONIA

81% of Estonian residents consider the University of Tartu the most reputable higher education institution in Estonia

The reputation of the University of Tartu is based on

- ▶ High-level education and research
- ▶ A diploma valued in the labour market
- ▶ Successful alumni

FOUR FACULTIES OF THE UNIVERSITY OF TARTU

FACULTY OF ARTS AND HUMANITIES

- Institute of History and Archaeology
- Institute of Estonian and General Linguistics
- Institute of Philosophy and Semiotics
- Institute of Cultural Research
- School of Theology and Religious Studies
- College of Foreign Languages and Cultures
- Viljandi Culture Academy

FACULTY OF SOCIAL SCIENCES

- Institute of Education
- Johan Skytte Institute of Political Studies
- School of Economics and Business Administration
- Institute of Psychology
- School of Law
- Institute of Social Studies
- Narva College
- Pärnu College

FACULTY OF MEDICINE

- Institute of Biomedicine and Translational Medicine
- Institute of Pharmacy
- Institute of Dentistry
- Institute of Clinical Medicine
- Institute of Family Medicine and Public Health
- Institute of Sport Sciences and Physiotherapy

FACULTY OF SCIENCE AND TECHNOLOGY

- Institute of Computer Science
- Estonian Marine Institute
- Institute of Physics
- Institute of Genomics
- Institute of Chemistry
- Institute of Mathematics and Statistics
- Institute of Molecular and Cell Biology
- Tartu Observatory
- Institute of Technology
- Institute of Ecology and Earth Sciences

CURRICULA

In 2023/2024, the University of Tartu offers

56 first-level curricula

80 master's curricula

8 doctoral programmes

Three joint master's programmes have been established in cooperation with other Estonian higher education institutions and **six with foreign universities.**



CURRICULA TAUGHT IN FOREIGN LANGUAGES

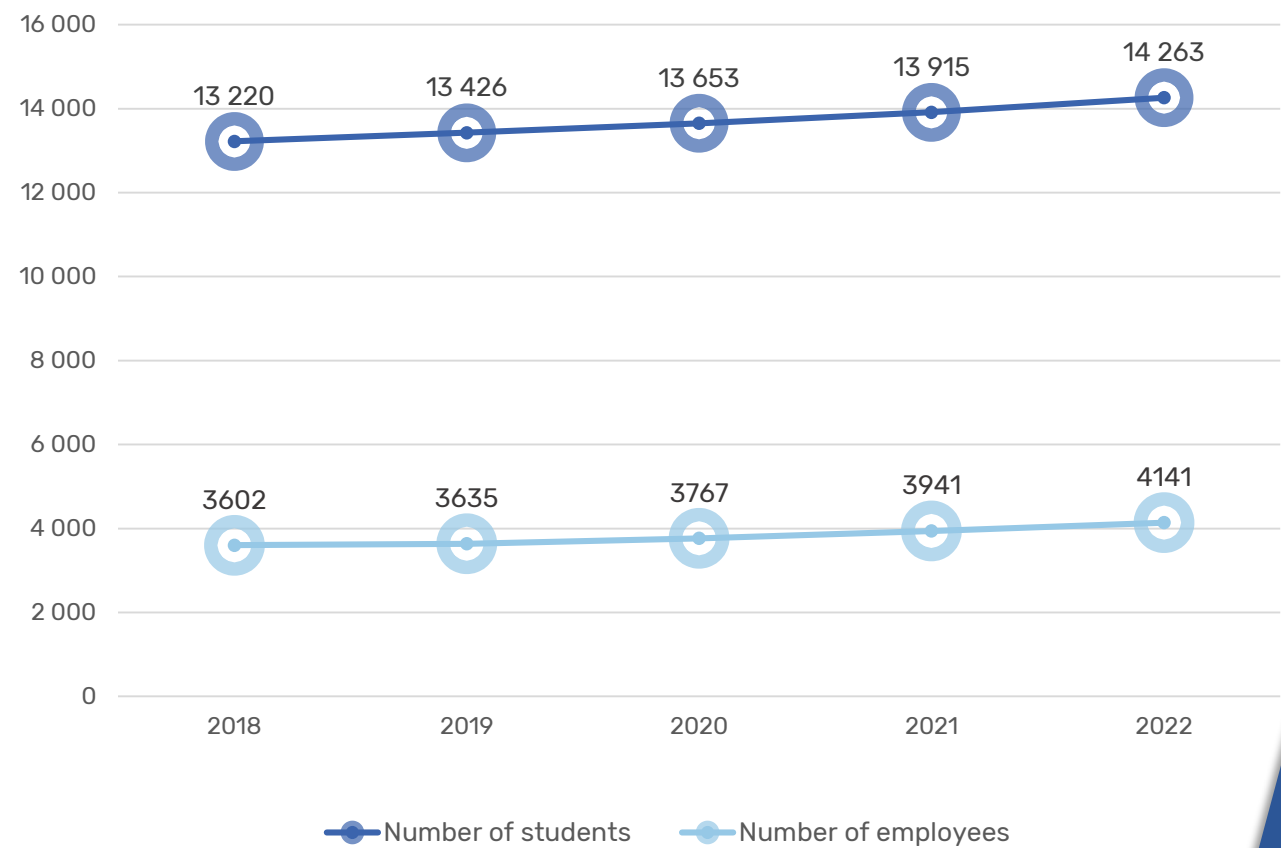
In 2023/2024, students are admitted to a total of **34 non-Estonian-taught curricula**:

- ▶ **31** master's curricula
- ▶ **3** first-level curricula

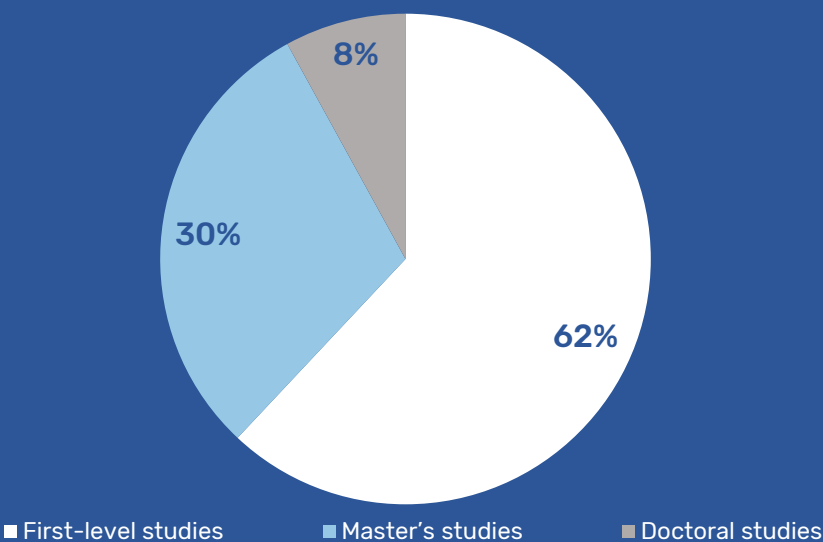


INCREASING NUMBER OF STUDENTS AND STAFF

In 2022, there were 7,7 students per one teaching staff member



Division of students by level of study in 2022

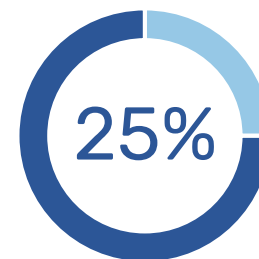


STUDENTS

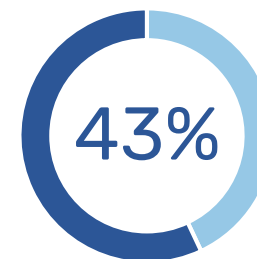
The University of Tartu has about approximately **14,000** students.

Number of students by level of study in 2022:

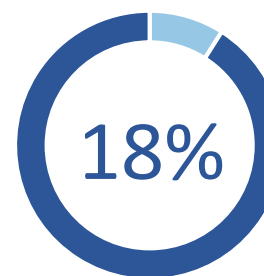
- ▶ 62% first-level studies
- ▶ 30% master's studies
- ▶ 8% doctoral studies



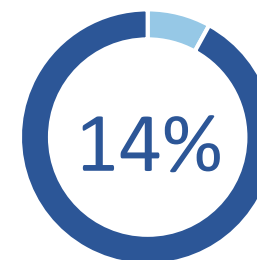
Faculty of Science and Technology



Faculty of Social Sciences



Faculty of Arts and Humanities



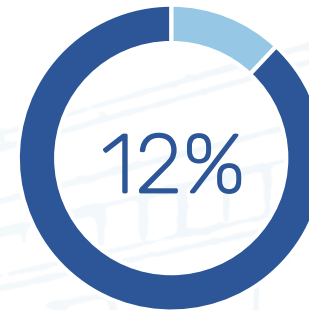
Faculty of Medicine

INTERNATIONAL STUDENTS

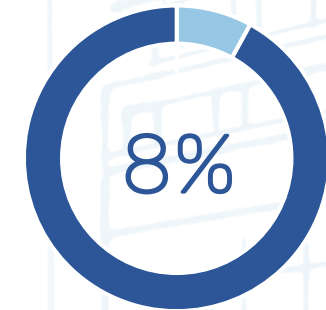
The University of Tartu has approximately 1,800 international students from 90 countries

In 2022, there were 1,820 international students:

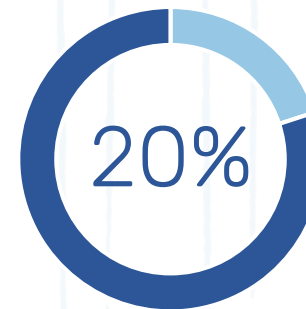
- ▶ 471 in first-level studies
- ▶ 994 in master's studies
- ▶ 355 in doctoral studies



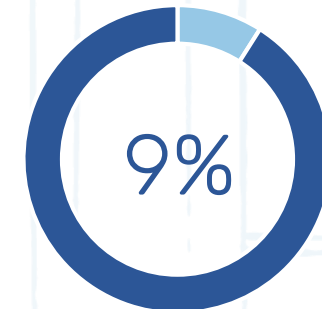
Faculty of Social Sciences



Faculty of Medicine



Faculty of Science and Technology

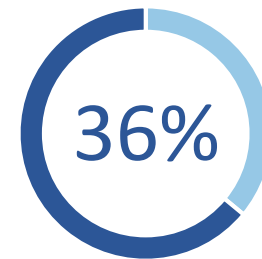


Faculty of Arts and Humanities

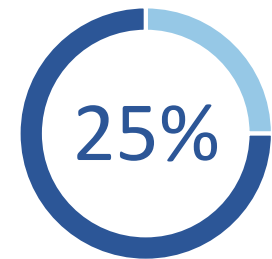
INTERNATIONAL DOCTORAL STUDENTS

Share of international students in doctoral studies of the University of Tartu in 2022:

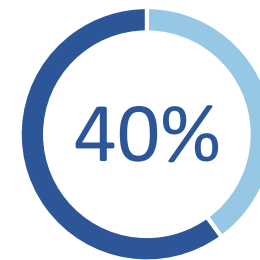
- ▶ 40% at the Faculty of Science and Technology
- ▶ 25% at the Faculty of Social Sciences
- ▶ 36% at the Faculty of Arts and Humanities
- ▶ 12% at the Faculty of Medicine



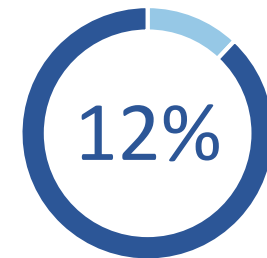
Faculty of Science and Technology



Faculty of Social Sciences



Faculty of Arts and Humanities



Faculty of Medicine

Share of international students in doctoral studies

INTERNATIONAL STUDENTS

- ▶ **Tutors** and international **student ambassadors** facilitate the adaptation of new international students.
- ▶ A **tutor** is a fellow student who helps first-year students plan their studies and gives advice on everyday student life.
- ▶ **International student ambassadors** are international students who introduce the University of Tartu, the City of Tartu and Estonia in their home countries and help new international students settle in.
- ▶ The University of Tartu offers international students student allowances and psychological and career counselling.

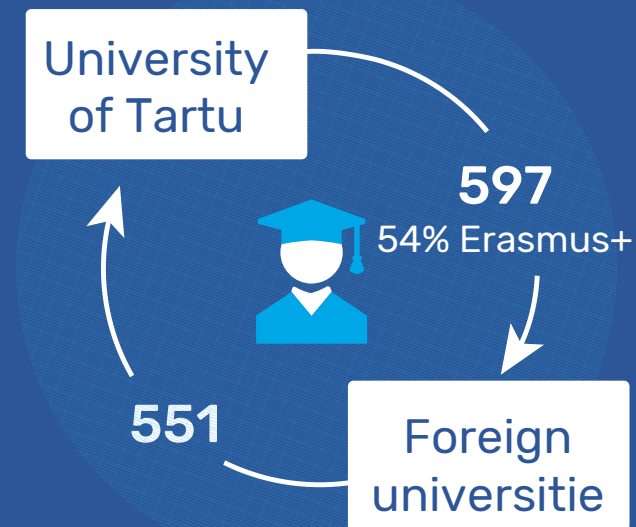


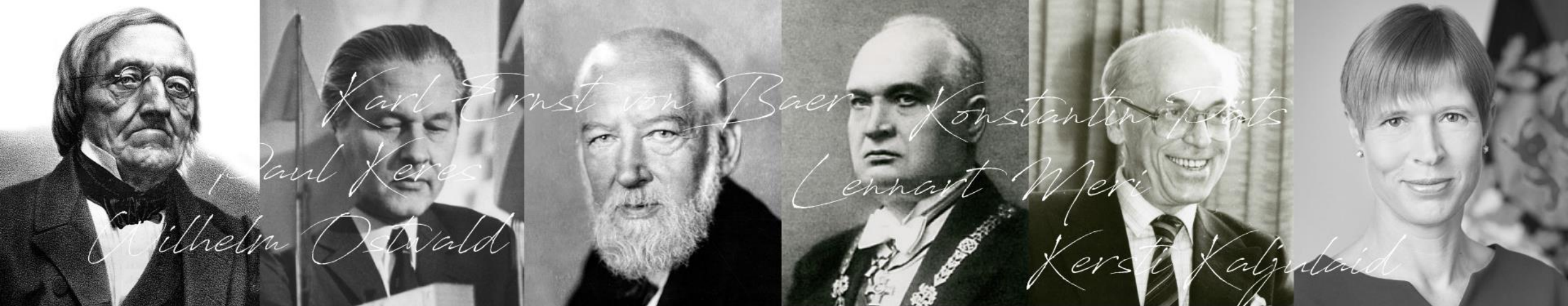
STUDENT MOBILITY

In 2022, most students went to Finland, the United Kingdom or Germany.

Most international visiting students came from

- ▶ Germany (154)
- ▶ France (67)
- ▶ Italy (45)





FAMOUS ALUMNI

43% of the members of the Estonian parliament, more than 90% of Estonian judges and members of the Estonian Bar Association and Estonian medical doctors are alumni of the University of Tartu.



ALUMNI ACTIVITIES AT THE UNIVERSITY OF TARTU

- ▶ Mentoring programme
- ▶ Alumni get-together
- ▶ Involvement in teaching (traineeship and job opportunities offered by our alumni)
- ▶ Rector's golf tournament
- ▶ Keeping in contact (newsletter, alumni blog)
- ▶ Alumni activities at academic units



FROM UNIVERSITY TO STUDENT

The University of Tartu offers its students

- ▶ Academic, career and psychological counselling
- ▶ Free short courses on different topics that support studies and the planning of their career
- ▶ Workshops, information seminars and career days
- ▶ Information about job and traineeship opportunities
- ▶ Entrepreneurship counselling
- ▶ Information about studies abroad
- ▶ Mentoring programme
- ▶ Achievement and specialisation stipends and study allowances
- ▶ Development opportunities in the programme “Talents to Tartu!” and student projects such as EstCUBE and Solaride



STUDENT LIFE

Fun student traditions:

Student days in spring and autumn and the night song festival

Student organisations:

- ▶ University of Tartu Student Union (UTSU)
- ▶ Academic student organisations
- ▶ Professional associations and organisations involving students from all over Tartu
- ▶ Renowned choirs, University of Tartu Folk Dance Ensemble, University of Tartu Symphony Orchestra and Tartu Student Theatre

Hackathons and **contests** of the University of Tartu sSTARTUp Lab, such as Kaleidoskoop

Student projects, Delta X competition



The mascot Tiksü
unites the university
family

ut.ee/en/tiksu





CONTRIBUTION TO SOCIETY

- ▶ Tartu University Hospital
- ▶ University of Tartu Academic Sports Club
- ▶ Youth Academy
- ▶ University of Tartu Museum, Art Museum and Old Observatory
- ▶ Natural History Museum and Botanical Garden
- ▶ Library with more than four million documents
- ▶ Estonian Biobank
- ▶ Tartu Observatory Visitor Centre



CONTINUING EDUCATION

The University of Tartu is the largest continuing education provider in Estonia.
In 2022, 46,108 continuing education learners took part in the university's courses.

- ▶ Courses for which everybody can register
- ▶ Custom training courses for organisations
- ▶ Online courses, incl. MOOCs
- ▶ Single degree-study courses
- ▶ Seminars and lecture series across Estonia
- ▶ Micro-credential programmes
- ▶ Summer and winter university
- ▶ Youth Academy
- ▶ University of the Third Age

Massive open online Courses (MOOCs)

In 2022, the university offered **27 MOOCs** to **8,709 participants** from more than 120 countries.

The average completion rate was 38%.

More than **11,700** learners have completed the UT's most popular MOOC "About Programming".



UNIVERSITY OF TARTU YOUTH ACADEMY

Breeding ground for new researchers

The Youth Academy offers talented pupils

- ▶ e-courses that give them in-depth knowledge in various subjects and broaden their horizons
- ▶ preparation for subject competitions and the competition experience
- ▶ training days, workshops led by University of Tartu students and programmes of Uurimislabor ('Research Lab')



MICRO-CREDENTIAL PROGRAMMES

- ▶ Longer integrated continuing education programmes for adult learners, based on degree-study courses
- ▶ Deliver future knowledge quickly and flexibly



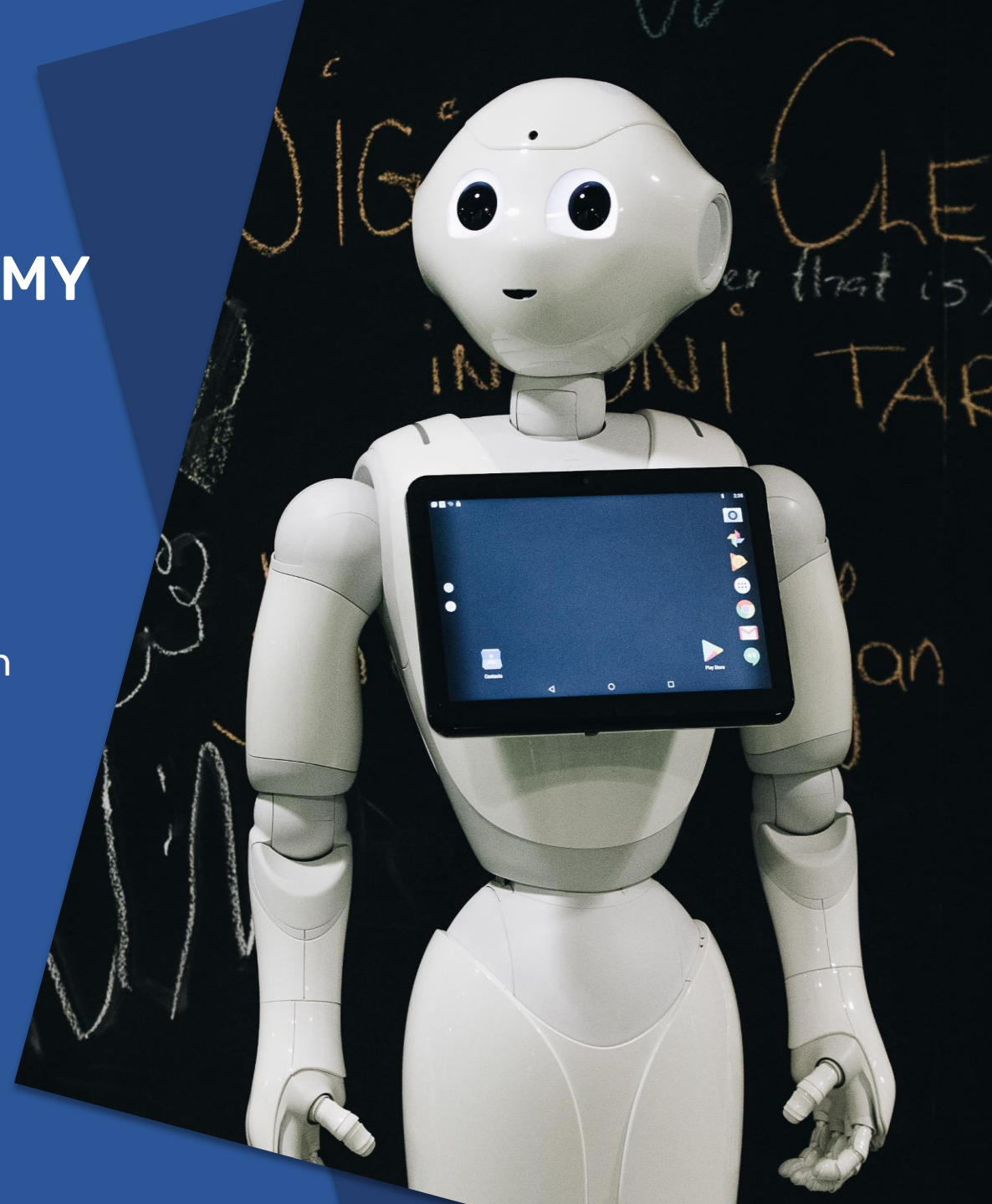
FLAGSHIP OF ESTONIAN RESEARCH

- ▶ The University of Tartu is among the 1% of the world's most cited universities and research institutions in 15 fields of research (2021, ESI)
- ▶ More than 70 University of Tartu researchers rank in the top 1% of the most cited researchers in the world
- ▶ About **half of research in Estonia is done at the University of Tartu**
- ▶ The University of Tartu has more doctoral graduates than all other Estonian universities combined – **over 100 doctoral theses** are defended here each year
- ▶ Authors affiliated with the University of Tartu published **2,846 research articles** in 2022



ACCELERATOR OF SMART ECONOMY

- ▶ The University of Tartu is one of the largest development partners for the public and private sector in the Baltics.
- ▶ The University of Tartu is a partner of the European Institute of Innovation and Technology.
- ▶ The University of Tartu leads Adapter, the cooperation network of Estonian R&D institutions, enterprises and other institutions.
- ▶ Most start-up founders in the Baltics come from the University of Tartu.



ENTREPRENEURIAL UNIVERSITY

- ▶ **sTARTUp Lab** provides hands-on entrepreneurship training and pre-incubation services. It is a place to find and implement innovative solutions to problems together.
- ▶ The Chair of Entrepreneurship of the Faculty of Economics and Business Administration offers entrepreneurship courses to students of all disciplines.
- ▶ In the spin-off programme, the University of Tartu offers its researchers and students a research-intensive business development programme worth up to €10,000.
- ▶ The partnership programme of the University of Tartu helps bring together entrepreneurs and researchers.
- ▶ The University of Tartu has **61 research-intensive spin-offs** employing more than 500 top-level specialists.
- ▶ At the end of 2021, the University of Tartu had **84 patents and patent applications**.



sTARTUp DAY

Once a year, entrepreneurial students, representatives of start-ups and investors can meet at the business festival **sTARTUp Day** organised jointly by the partners of the Tartu business ecosystem.

The 2023 sTARTUp Day in figures:

- ▶ 3,200 participants from 45 countries
- ▶ 270 business ideas presented
- ▶ 152 world-class presenters
- ▶ 230 investors

ADAPTER

Adapter is the cooperation network of Estonian universities and R&D institutions.

Adapter allows entrepreneurs to quickly contact the relevant researcher or specialist to find research-based solutions for creating new services/products or improving existing ones.

- ▶ 19 research institutions
- ▶ 720 research services
- ▶ 3,500+ experts
- ▶ 1,200+ enquiries



A photograph of two researchers, a man with curly brown hair and a woman with blonde hair, sitting at a desk in a laboratory. They are looking at two computer monitors. The monitor on the right displays a software interface with multiple tracks of audio waveforms, typical of a digital audio workstation. The monitor on the left shows a 'Camera Setup' window with various controls. A large blue diagonal overlay covers the bottom left portion of the image, containing the text 'PHONETICS LAB' and a descriptive paragraph.

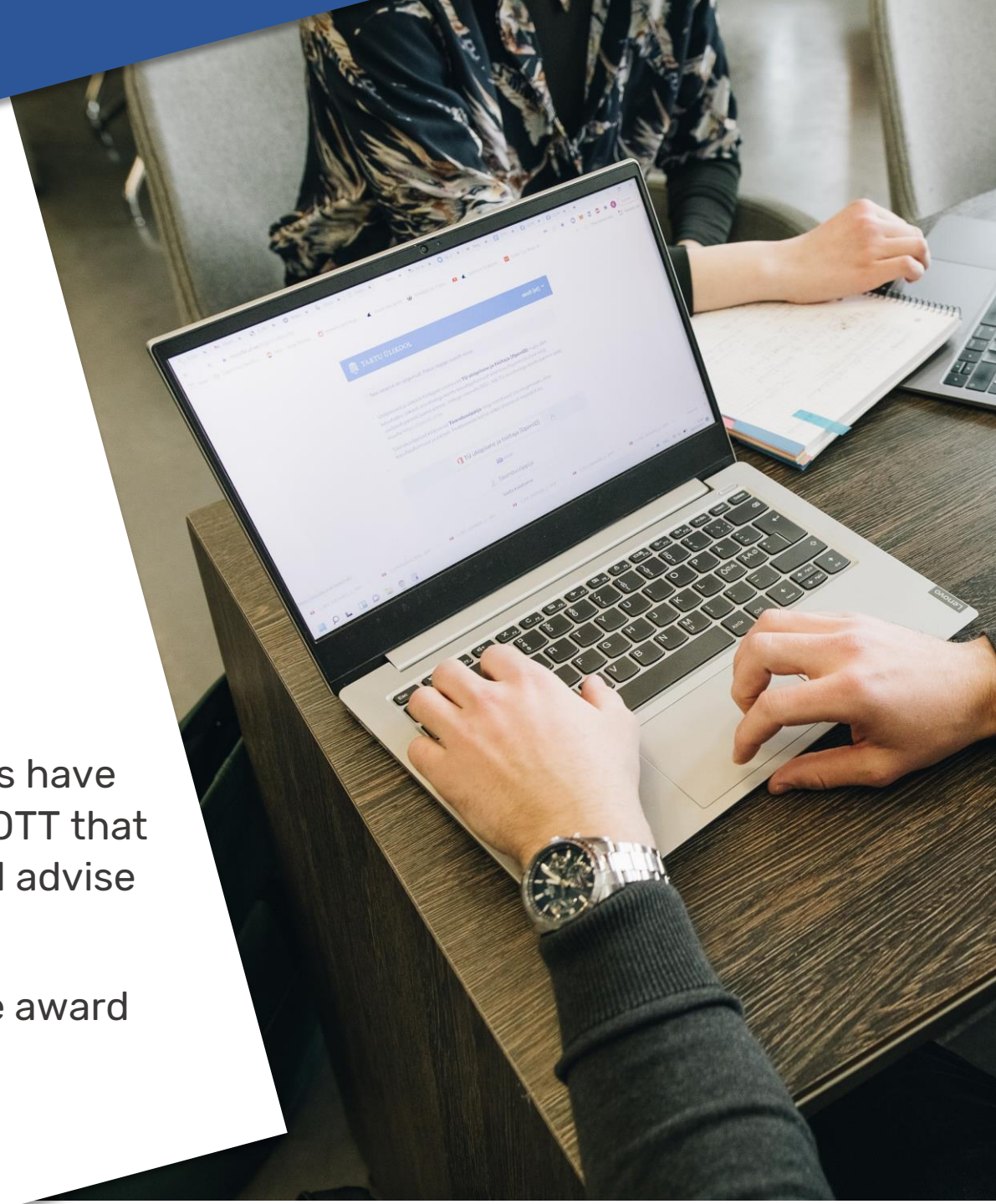
PHONETICS LAB

Our Phonetics Lab is engaged in experimental phonetics, using acoustic, articulatory and perceptual methods.

CITIS

CENTRE OF IT IMPACT STUDIES

- ▶ Prediction models based on big data
- ▶ CITIS researchers in cooperation with IT companies have developed a machine-learning-based application OTT that helps the Estonian Unemployment Insurance Fund advise job-seekers and therefore reduce unemployment
- ▶ In 2021, the decision support tool OTT received the award of the best data-driven digital service



LEADING THE DEVELOPMENT OF HYDROGEN TECHNOLOGY IN ESTONIA

- ▶ Researchers of the University of Tartu Institute of Chemistry are working on large-scale **hydrogen technology development and cooperation projects**.
- ▶ In the summer of 2021, in cooperation with AuveTech, a self-driving hydrogen-powered shuttle bus was presented.
- ▶ The university's researchers are valued partners for municipalities in implementing various hydrogen-based future solutions.



SMART CANCER DRUG

- ▶ University of Tartu researchers have developed methods for the precision delivery of cancer drugs using tumour-homing peptides. This results in **smart cancer drugs** that, when injected in blood vessels, locate cancer cells and leave healthy tissues intact. In the future, this allows using smaller drug doses in cancer therapy, significantly reducing the side effects of drugs.
- ▶ The European Research Council has given the research team of Professor of Nanomedicine Tambet Teesalu a grant to support their research in developing smart cancer drugs.



OUR INTERDISCIPLINARY RESEARCH HELPS THE COUNTRY DEAL WITH CRISES

- ▶ For instance the University of Tartu has conducted more than **30 different studies** related to the coronavirus, its spread and impact.
- ▶ The **wastewater monitoring survey** has given us a more detailed and operational overview of the spread of the virus.
- ▶ In addition, researchers of the university work on **discovering new coronavirus strains** by genotyping the strains.
- ▶ The **Scientific Advisory Board** that advises the government on COVID consists mainly of researchers of the University of Tartu.
- ▶ The University of Tartu has been a valued **research-based partner** for the state in coping with the pandemic.



INTERNATIONAL COOPERATION

- ▶ Partnership agreements with more than **70 universities in about 30 countries**
- ▶ Strategic partnerships with leading universities and companies
- ▶ As a member of university networks, we participate in European research policy-making
- ▶ Internationalisation at home – creating and promoting a motivating and attractive learning and working environment



SEE YOU AT THE UNIVERSITY OF TARTU!



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unitartu
unitartuscience
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