



METROSERT

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ESTONIA

Estonia

- + official name: Republic of Estonia
- + population: 1.3 million
- + area: 45,227 square km
- + currency: EUR
- + official language: Estonian
- + member of: EU, Eurozone, OECD, NATO and Schengen





METROSERT

R&D organisation with a focus on serving industry and society needs.

- National Metrology Institute
- Applied research centre



METROSERT

- Quantum metrology
 - Low photon flux detectors and sources,
 - QKD infrastructure.
- Time & frequency infrastructure
- Standards in electricity – electrical power
- Digital transformation for metrology
- Dimensional measurements

METROLOGY
PARTNERSHIP





METROSERT

- Secondary use of state-owned data
- Drone technologies
- Biorefining (wood and food)
- Intelligent transport systems
- Hydrogen technologies

Write to us and we will find a way to work together!

projects@metrosert.ee



UNIVERSITY OF TARTU

Postdoctoral opportunities at the University of Tartu

**Kristjan
Vassil**

Vice Rector for Research
05.06.2023



ESTONIA

- ▶ A small country in northeastern Europe
- ▶ Population: 1.3 million
- ▶ Capital: Tallinn
- ▶ Official language: Estonian
- ▶ English, Russian, Finnish and German are widely spoken
- ▶ Member of the EU and NATO since 2004
- ▶ Currency: euro (since 2011)
- ▶ Estonia is a digital society
- ▶ The first country to adopt online voting and the only country in the world to offer e-residency

estonia.ee



UNIVERSITY OF TARTU

- ▶ Estonia's largest and oldest university, founded in **1632**
- ▶ The only Baltic university **among 1% of the world's best universities**
- ▶ Estonia's national university
- ▶ Campuses in Tartu, Tallinn, Narva, Pärnu and Viljandi
- ▶ **14,263** students, incl. 13% international students from 100 countries
- ▶ **3386** employees (20% international), 55% academic employees incl. 217 professors



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 **3,037 research articles** in 2021



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

EXAMPLE OF POSTDOC VACANCIES

Contact for other topics
laura.tomson@ut.ee

SUPERVISOR	TOPIC	Contact
MART ABEL, Associate Professor in Topology	Segal topological algebras	mart.abel@ut.ee laura.tomson@ut.ee (MSCA coordinator in Grant Office in UT)
EIKI BERG, Professor of International Relations Theory	The frozenness of 'frozen conflicts': When, how and why do conflicts become frozen or unfreeze?	eiki.berg@ut.ee laura.tomson@ut.ee (MSCA coordinator in Grant Office in UT)
PIRET EHIN, Professor of Comparative Politics	Elections, parties, voting behavior in Europe (in national and European parliament elections); e-democracy and internet voting; EU political system and EU politics; impact of Russia's war on Ukraine on domestic politics in EU member states	piret.ehin@ut.ee laura.tomson@ut.ee (MSCA coordinator in Grant Office in UT)
VERONIKA KALMUS, Professor of Sociology	Growing up in the era of deep mediatisation: How do socialisation processes (in families and schools) change in the age of datafication, platformisation and Artificial Intelligence?	veronika.kalmus@ut.ee laura.tomson@ut.ee (MSCA coordinator in Grant Office in UT)
KRISTA LEPIK, Lecturer in Information Science	Artificial Intelligence in public libraries– what does using the artificial intelligence in libraries, or in public libraries in particular mean for this field and for the profession of librarians.	krista.lepik@ut.ee laura.tomson@ut.ee (MSCA coordinator in Grant Office in UT)
RENÉ MÕTTUS, Professor of Personality Psychology	Predicting and understanding mental-wellbeing from comprehensive longitudinal multi-method personality assessments, using uniquely rich Estonian Biobank data	rene.mottus@ut.ee laura.tomson@ut.ee (MSCA coordinator in Grant Office in UT)
BRUNO MÖLDER, Professor of Philosophy of Mind	Interpretivist approach to the mind; non-conceptual mental processes; temporal experience	bruno.moelder@ut.ee laura.tomson@ut.ee (MSCA coordinator in Grant Office in UT)
EVA PIIRIMÄE, Associate Professor of Political Theory	History of European political thought (18th-21st century); theories of individual and collective self-determination; constitutionalism, theories of democracy; climate change in political theory; theories of nationalism and cosmopolitanism	eva.piirimae@ut.ee laura.tomson@ut.ee (MSCA coordinator in Grant Office in UT)
ANDRA SIIBAK, Professor in Media Studies	Dominant data imaginaries and counter-imaginaries held by the actors within children's digital data ecosystem (e.g. children, parents, teachers, technology vendors, policymakers)	andra.siibak@ut.ee laura.tomson@ut.ee (MSCA coordinator at Grant Office of UT)

BENEFITS FOR EMPLOYEES

- ▶ **Working environment and conditions:** remote work, flexible working hours, historical and innovative buildings, locations in 5 cities, opportunity to actively contribute to the university's development
- ▶ **Promoting mental and physical health:** sickness benefit, promotion of employees' health, three additional days' paid leave per year, extra days off granted by the rector, annual leave for academic employees is 42 or 56 days, advice from Counsellor-Chaplain, mental health conferences and training
- ▶ **Development of employees:** in-service training, external training, leadership development programme, co-vision groups, 360° feedback survey for managers, various opportunities to develop teaching skills
- ▶ **Recognition of employees:** annual awards, letter of appreciation, honorary decorations, various grants and awards
- ▶ **Discounts for employees:** restaurants, health and leisure companies, hotels, etc.



SEE YOU AT THE
UNIVERSITY OF TARTU!



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