

SEMINAR: OPEN SCIENCE AND DATA MANAGEMENT – MANDATORY AND/OR BENEFICIAL?

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Head Bibliographer of Data Management
05.05.2023

TALLINN UNIVERSITY OF TECHNOLOGY 2022

9,236
students

12.79% International students
From **92** different countries
82 study programmes
6 joint programmes
31 international programmes

1,953
employees

66 countries
44.9 average age
144 professors

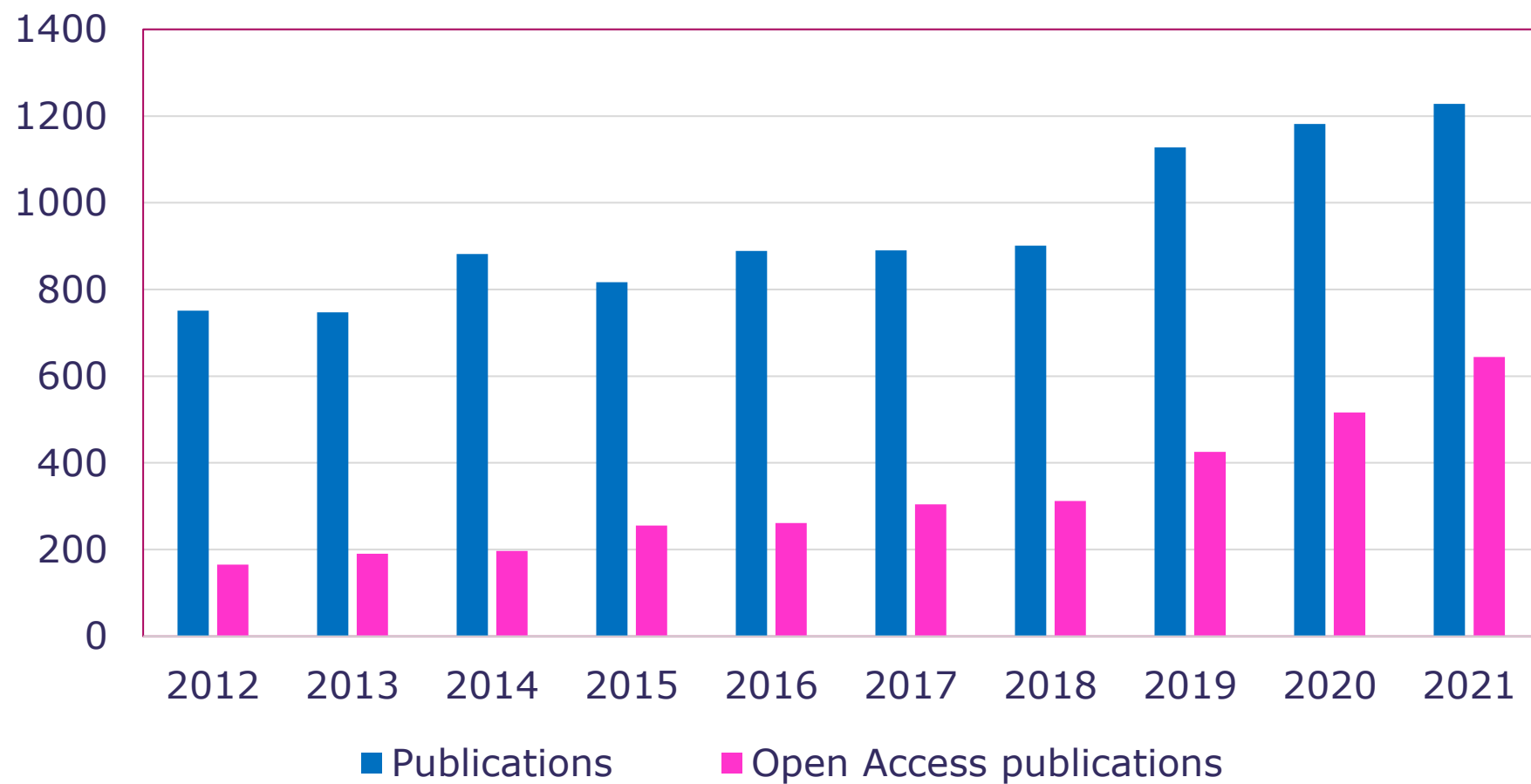
1,387
publications

63 PhD degrees awarded
45.18% international PhD students

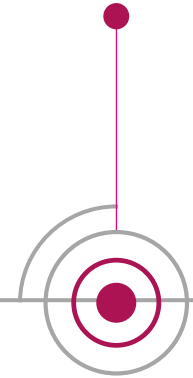
77,224
alumni

3.75% international alumni

Tallinn University of Technology publications



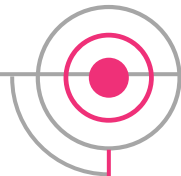
The compilation of the
Database of publications
of TalTech started



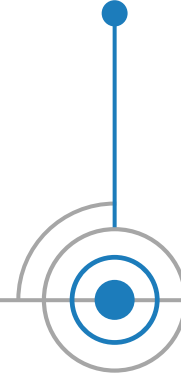
1994

Information system INNOPAC;
online catalogue ESTER;
first time access to paid full text e-
journals

1999

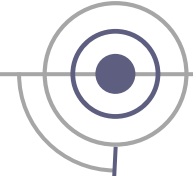


First time access to e-
book databases



2003

2005



TalTech Library's
open access Digital
Collection was
created

2014

DataCite Estonia
Consortium

2015

2016

TalTech Data repository

2021

202?

Beginning of inserting TalTech
bachelor's- and master's theses
and dissertations to **Digital
Collection** of TalTech Library.

E-resources portal
Primo opened to
library users

??

LIBRARY

[Home](#)
[Databases](#)
[For Reader](#)
[For Researcher](#)
[Open Science](#)
[About the Library](#)

OPEN SCIENCE

Open science is the movement to make scientific research and

The definition of open science denotes free access to the ele
published as a result of public funding. Publicly accessible scie
duplication, more research results will be achieved with the sa
the availability of data increases the transparency of research
the state and society as well as wider possibilities of using rese
research journals are not available. The ideology of open scier

[Open science](#)
[Open Science in TalTech](#)
[Research Data Management](#)
[Data Management Plan](#)
[Research Data Repository](#)
[Open Access Publishing](#)
[Guidelines and Training](#)

For Researcher

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[ETIS, publishing](#)
[Research Impact](#)
[Research Visibility](#)
[Copyright, licences](#)
[Formatting guidelines](#)

Main trainings about:

Research data management;

Where to publish

Research visibility

Three types

- Public trainings for everyone at the university;
- Part of the doctoral seminars;
- Individual consultations.

In year 2022- there was **19 research data management trainings.**



REPOSITORY

- Institutional data repository - allows researchers to share and preserve scientific results, from publications and presentations to datasets, software, policy documents, and workflows.
- Provided by the **TalTech Library** for Research Data Management and hosted by **TalTech High Performance Computing Centre** (HPC Centre)
- Authentication via university UNI-ID
- Per default: record size up to 10 GB and 100 files
- Target: implement a FAIR repository
- Website: <https://data.taltech.ee>

DataCite Fabrica

10.48726

Added

September 29, 2021 at 09:24:06 UTC



TALTECHDATA REPOSITORY

TalTech Data Repository

[Advanced search](#)[Upload New File](#)[Data Sets](#)[Publication Database](#)[Data Management Plan](#)

Other useful links

[TalTech home page](#)[Data Management Plan Guide](#)

Contacts

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Research Administration Office

Contact us about

Services



What can we help you with?



Application to create a PhD position



Eetikahinnang TA projekte EST



Ethical evaluation of the research and development (RD) project ENG



Data Management Plan template for Horizon Europe



Data management plan template compatible with ETAg



Data Management Plan

Files >

Basic information >

Recommended information >

Funding >

Alternate identifiers >

Related works >



Upload New File

Draft ⓘ



Save draft



Preview



Publish

Visibility*

Full record

Public

Restricted

Files only

Public

Restricted



Public

The record and files are publicly accessible.

Options



Apply an embargo ⓘ

Record or files protection must be **restricted** to apply an embargo.

- The aim of the **Digital Collection** of TalTech Library is to provide web-based access to the **dissertations** and **graduation theses** of the university, to the digitized textbooks and publications about TalTech history.
- Dissertations are being published since 2005 and graduation theses since 2014.

Digikogu

TAL TECH

Search
Collections
Indexes
FAQ

Intranet

Browse collections

dissertations
graduation theses
e-books
digitized periodicals
transactions of TalTech
library publications
reports
conference proceedings
other publications

Digital Collection of TalTech Library

Information for doctoral students

New items

dissertations

Interactive Stereoscopically Perceivable Multidimensional Data Visualizations for Cybersecurity. Interaktiivsed, ruumiliselt tajutavad, mitmemõõtelised andmekuvad küberturbele
Kullman, Kaur 25.04.2023

Bandwidth Reduction DoS Attacks in Multi-Tenant NoC-based MPSoCs: Detection and Avoidance Strategies. Ribalaluse vähendamise DoS-rünnakud mitme rentnikuga NoC-põhiste MPSoC-de puhul: tuvastamise ja vältimise strateegiad
Chaves Arroyave, Cesar Giovanni 31.03.2023

Digital Transformation of Court Processes: Driving Forces, Success Factors, Regulations and Technology Acceptance. Kohtuprotsesside digitaalne ümberkujundamine: liikumapanevad jõud, edu tegurid, regulatsioonid ja tehnoloogia vastuvõtmine
Ahmed, Rozha Kamal 31.03.2023

Future Power System Out-of-Step Protection Concept Utilizing Synchronized Phasor Measurements. Tuleviku elektrisüsteemi faasimõõtmistel põhinev sünkronismikaotuskaitse kontseptsioon
Tealane, Marko 19.04.2023

pre-dissertations

Screen-printed pH Sensors based on Ruthenium(IV) Oxide for Measurement in Food Samples. Ruteenium(IV) oksiidil põhinevad siiditrükiga pH-andurid toiduproovide mõõtmiseks
Lazouskaya, Maryna 26.05.2023



DOCTORAL THESIS

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GRADUATION THESIS

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CITIZEN SCIENCE PROJECT LIBOCS

- **Project LibOCS:** University libraries strengthening the academia-society connection through citizen science in the Baltics is funded by Erasmus+ for years 2022-2024. The aim of the project is to increase the knowledge of librarians in the Baltic research libraries in order to raise their awareness about open and citizen science and facilitate cooperation between the academia and society.
- Estonian, Latvian and Lithuanian libraries are represented in the project. Tallinn University of Technology Library is participating as one of the research libraries in Estonia together with the University of Tartu Library.
- Read more about LibOCS at the project's website <https://www.libocs.ut.ee/>

LibOCS

WHAT NEXT?

- Guidelines in data management by speciality;
- Expanding the training program/new trainings (research visibility);
- To gather information about the data created at the university;
- University data policy?
- University open science roadmap?



UPCOMING TRAININGS IN THE SPRING 2023

23.05 (in estonian) and **31.05** (in english)

How to find a scientific journal for publication?

New requirements and possibilities - quartiles and classifiers, data journals and data papers

Registration <https://forms.office.com/e/JvNpuXcgn7>
piret.remmelgas@taltech.ee

01. 06 (in estonian) and **08. 06** (in english)

Creating a data management plan

General research data management, an overview of the topics of Estonian Research Council and Horizon Europe data management plans

Registration <https://forms.office.com/e/kN45y9i9aZ>
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An aerial photograph of Tallinn, Estonia, showing a mix of urban buildings and green spaces. The image is overlaid with large, bold, white text. The text 'TAL TECH' is on the left, followed by a vertical line, and 'TALLINNA TEHNIKAÜLIKOO' is on the right. The background shows a cityscape with various buildings, trees, and a body of water in the distance under a hazy sky.

TAL TECH | TALLINNA TEHNIKAÜLIKOO

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