

*Towards Research Data
Management Training at
Kaunas University of
Technology*



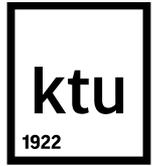
Leonas Balaševičius

Vice-Rector for Research and Innovation

29/10/2019

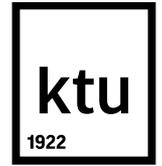
Kaunas

Outline



- Kaunas University of Technology for Open Access and Open Science
- Institutional initiatives: stand-alone and towards integration & sustainability
- Lessons learnt

Open Access policy



EC Recommendation on access to and preservation of scientific information, 2012, revised in 2018

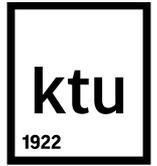
The Research Council of Lithuania adopted the Guidelines on Open Access to Scientific Publications and Data on February 29, 2016

- The Open Access to scientific publications is provided by uploading the publications in repositories, and/or Open Access journals
- The data must be preserved for a period no shorter than five years following the completion of the project;
- A data management plan must be included in the project proposal.

The Guidelines on Open Access to Scientific Publications and Data adopted at Kaunas University of Technology on December 22, 2016



Open Science policy



Open Science

Better dissemination and exploitation of R&I results and support to active engagement of society

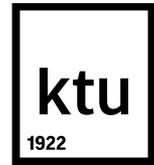
Mandatory Open Access to publications: beneficiaries shall ensure that they or the authors retain sufficient intellectual property rights to comply with open access requirements

Open Access to research data ensured: in line with the principle "as open as possible, as closed as necessary"; Mandatory Data Management Plan for FAIR (Findable, Accessible, Interoperable, Re-usable) and Open Research Data

- Support to researcher skills and reward systems for open science
- Use of European Open Science Cloud



Open access to publications via institutional repository



The Library

- organizes the publications and electronic theses and dissertations database on the institutional repository (based on the national repository eLABa)
- carries out bibliometric analysis
- provides training sessions / consultations



Lithuanian Academic Electronic Library

Welcome to search gate of Lithuanian Academic Electronic Library

Search gate is an integral search system allowing search in Lithuanian academic libraries and other databases.

If you want to order and renew borrowed items and to use additional possibilities please select your Institutional Virtual Library (IVL) from the List of Virtual Libraries and sign in inside this IVL.

Institutional Repositories

[Learn more](#)

about institutional repositories, uploading them to, plagiarism, copyright and open access

Virtualios Libraries

- > Kauno University of Technology
- > Lithuanian University of Health Sciences
- > Vilnius University
- > Vytautas Magnus University
- [List of Virtual Libraries...](#)

Try new user interface

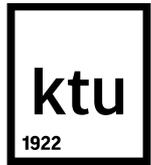
Try new Primo Explore UI.

Search Help

We offer help of search portal.



LiDA – data repository for Social Sciences and Humanities



nesstar RSS Facebook Site map LT

LiDA Data Training Research News Login

nesstar unlocking|data|creating|knowledge LiDA internetinės analizės katalogas (LiDAKAT)

Tai socialinių ir humanitarinių mokslų duomenų portalas.

NEW DATA

- 2019-10-21
Socialinis klimato kaitos suvokimas Lietuvoje, 2018 m. spalį - lapkritį
- 2019-10-01
Central government expenditure in Estonia: purpose, 1927–1940
- 2019-09-30
Central government expenditure in Latvia: state institutions, 1920–1940
Central government revenue in Estonia, 1921–1940
- 2019-09-27
Central government expenditure in Estonia: state

DATA SEARCH

Document: "European Perspectives" on October 18, 2018 **More ... New** ■ CESSDA welcomes a new member: LiDA **More ... New** ■ October, 2011 - The first edition of the data and documentation fro

National Open Access Desk for Lithuanian Researchers

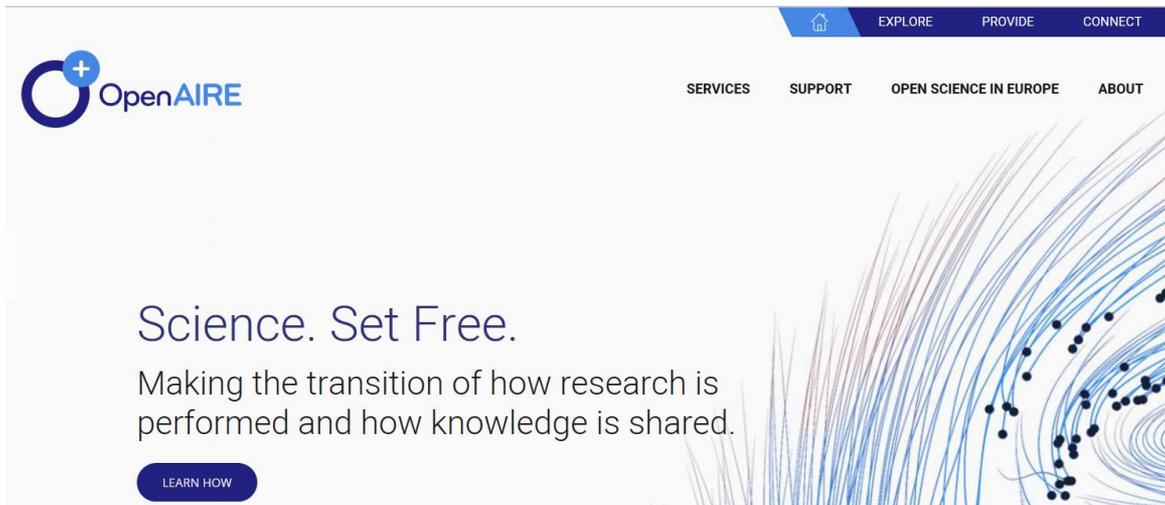
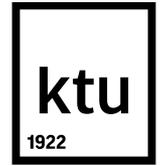


- **2018 – 2020 OpenAIRE-Advance** (OpenAIRE Advancing Open Scholarship)
- **2015 – 2018 OpenAIRE2020** (Open Access Infrastructure for Research in Europe 2020)
- **2011 – 2014 OpenAIRE plus** (2nd Generation of Open Access Infrastructure for Research in Europe)
- **2009 – 2011 OpenAIRE** (Open Access Infrastructure for Research in Europe)



<https://www.openaire.eu>

Research support provided by OpenAIRE NOAD



- Workshops, webinars
- Training sessions
- Courses
- Web-based training material

FOSTER: “Promoting Open Science among Young Researchers: Opportunities and Challenges”



2015-2016



Towards built-in practices



KTU in cooperation with the University of Stavanger and European Consortium of Innovative Universities, focus on the development of transferable skills at the international PhD Summer School

KTU INTERNATIONAL
**PhD
Summer
School**
21-25 AUGUST 2017
PALANGA, LITHUANIA



22 AUGUST 2017 _____ Tuesday

Writing for Scholars. Scientific Writing

Lynn P. Nygaard, PRIO, Norway
Jacek Fiutowski, University of Southern Denmark

23 AUGUST 2017 _____ Wednesday

Project Management for PhD Students

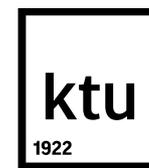
Flavien Massi, Intelligentsia Consultants Sàrl, Luxembourg

24 AUGUST 2017 _____ Thursday

Open Science and Research Data Management: tips and tools to help you plan to get the most from your data

Sarah Jones, Digital Curation Center, UK
Iryna Kuchma, EIFL, Lithuania

2nd international PhD Summer School: “Open Science and Research Data Management” 24 August 2017



Workshop “Practising FAIR and Open Data Management”, 19-20 April 2018



Open Science Trainer Bootcamp and Open Data Workshop on writing Data Management Plans 2-3 April 2019



PhD course “Research Data Management”



June 26, 2017: approval at the committee of the joint Doctoral Programme in Educational Science

October 2017: registration at Kaunas University of Technology

2018 – 2019 Moodle-based course is offered for PhD students as an elective

Topics:

1. Research Data.
2. Research Data Management Plan.
3. Research Data Management Guidelines, Standards and Tools.
4. Legal and Ethical Issues. Data Licensing and Data Citations.
5. Using and Sharing Data.
6. Data Repositories and Archives.
7. Open Science Initiatives.

5274D101 Mokslinių tyrimų duomenų valdymas Gintarė Tautkevičienė (LT)

ktu Kauno technologijos universitetas

5274D101 Mokslinių tyrimų duomenų valdymas Gintarė Tautkevičienė (LT)

Modulio programa

Modulio tikslai

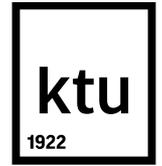
Užtikrinti, kad studentai mokytųsi mokslinių tyrimų duomenų, ypač mokslinio tyrimo planavimo, šaltinių žinių apie G.D. standartų, nacionalinių ir kitų finansuojamųjų institucijų reikalavimus. Ugdyti galimybių naudoti mokslinių tyrimų duomenis, užtikrinti jų saugumą, prieglobį ir orumą, parengti mokslinių tyrimų duomenų valdymo planą ir jį adaptuoti atitinkantiems finansuojamųjų institucijų reikalavimams. Šaltinių žinių apie mokslo duomenų naudojimo teisinius ir etinius reikalavimus, supažindinti su duomenų šaltinių tyrimais, jų galimybėmis naudoti ir saugoti tyrimų duomenis.

Dalyviai: doc. dr. Gintarė Tautkevičienė, dr. Inga Česėvė, dr. Andrius Krūšinskas

Viską išskleisti Visą sutraukti

1. 1 tema: Mokslinių tyrimų duomenys
2. 2 tema: Mokslinių tyrimų duomenų valdymo planas
3. 3 tema: Duomenų valdymo rekomendacijos, standartai ir įrankiai
4. 4 tema: Teisiniai ir etiniai klausimai, licencijavimas ir citavimas
5. 5 tema: Naudojimas ir dalijimasis mokslinio duomeninio turtu
6. 6 tema: Duomenų saugyklos ir archyvai

Data Management Plan

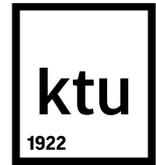


2018 / 2019

Data Management Plan was introduced as an obligatory element in the doctoral studies at Kaunas University of Technology.



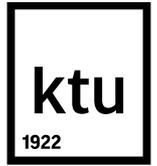
Research Data Alliance Europe National Node Lithuania, 2019



The Node acts as a team of experts who represent different institutions and fields of activity and will be ready to promote and disseminate the outputs and recommendations developed by RDA to raise awareness and provide support in RDM in the national context, also provide feedback to RDA on achievements.



RDA in Lithuania



Ieva Cesevičiūtė – RDA Node coordinator, Kaunas University of Technology.

Aušra Gribauskienė -- the Ministry of Education, Science and Sport of the Republic of Lithuania, national representative in the EOSC GB.

Saulius Gražulis — Professor at the Institute of Biotechnology, VU, actively developing the Crystallography Open Database (COD, <http://crystallography.net>).

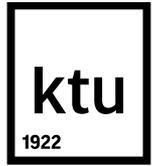
Iryna Kuchma — Open Access Programme Manager for Electronic Information for Libraries (EIFL); OpenAIRE and FOSTER projects training activities in Europe.

Vaidas Morkevičius — the Lithuanian Data Archive for Social Sciences and Humanities (LiDA, www.lidata.eu).

Jelena Tamulienė — Senior Researcher at the Institute of Theoretical Physics and Astronomy, Vilnius University; an expert in EGI.eu.

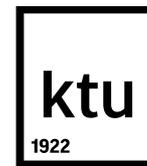
Gintarė Tautkevičienė — Library Director, Kaunas University of Technology; OpenAIRE NOAD since 2009.

Lessons learnt



To implement Open Science, we need to:

- know about global tendencies and seek to implement them on the national and institutional level (legal documents, infrastructure)
- seek support from stakeholders
- raise awareness
- develop the competence of researchers and administrative staff
- be proactive



Thank you for your attention!

Leonas Balaševičius

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