

EUNIS26 kongress

Zināšanu pārneses pasākums

RSU



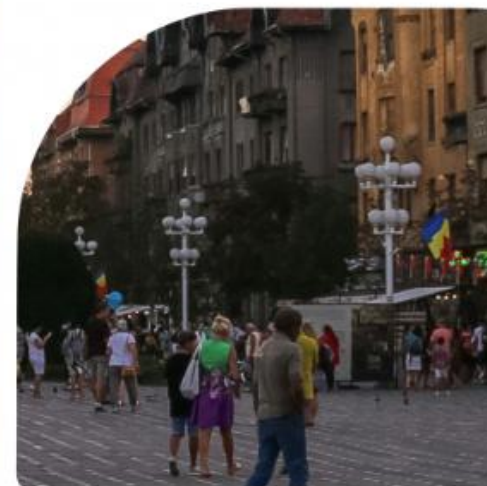
Sagatavoja:
Marija Krivošeina
Gatis Praličs
Kārlis Roķis
Jānis Laizāns

Datums:
3. jūlijs, 2026

Saturs

1. EUNIS kopiena
2. SIG grupas
3. EUNIS programma
4. Labā prakse studiju digitalizācijā - Norvēģijas piemērs
5. Sponsoru prezentācijas
6. MI tendences mūsdienīga studiju procesa nodrošināšanai Eiropas augstskolās

RSU



EUNIS (European University Information Systems)

RSU

Eiropas augstākās izglītības IT sadarbības organizācija, kas dibināta 1993. gadā.

Tās **mērķis**:

- attīstīt kvalitatīvas informācijas sistēmas augstākajā izglītībā;
- veicināt sadarbību, zināšanu apmaiņu un kopīgus risinājumus.

Galvenās **aktivitātes**:

- ikgadējais kongress (labās prakses un inovāciju apmaiņa);
- tematiskās interešu darba grupas;
- pētījumi, publikācijas, kopienas pasākumi.



EUNIS

EUROPEAN UNIVERSITY
INFORMATION SYSTEMS

Ko EUNIS dod augstskolām?

RSU

- Dod iespēju mācīties no citu AI pieredzes un IT risinājumiem;
- Veicina vienotu izpratni par datiem, standartiem, IT arhitektūru;
- Labās prakses pārnese;
- Iespēju salīdzināt risinājumus (t.sk. benchmarking);
- Iesaisti Eiropas līmeņa iniciatīvās un projektos.



EUNIS
EUROPEAN UNIVERSITY
INFORMATION SYSTEMS

EUNIS valde

RSU



Special Interest Groups (SIG)



Learning Technology

EUNIS Learning Technology SIG is dedicated to advancing the use of digital technology in teaching and learning across European universities. As higher education institutions navigate increasing digital transformation, this SIG will foster collaboration, knowledge exchange, and evidence-based practices in the selection, implementation, and evaluation of learning technologies.



Open Science

EUNIS Open Science (OS) SIG fosters transparency, accessibility, and collaboration in research. It enhances research quality and integrity by making methodologies, data, and findings openly available, improving findability and reproducibility while reducing the risk of scientific misconduct.



Benchmarking (BencHEIT)

BencHEIT is a EUNIS Task Force and an annually repeating study where participating universities collect key figures of their IT operations to be able to position themselves, to recognise best practises and to see if their IT is as effective – or better – than elsewhere.



Enterprise Architecture

The main role of the Enterprise Architecture Special Interest Group is to display the EA work done within the sector, harmonize used terminology, and be an enabler for producing descriptions that can be used for mapping, thus showcasing a European-wide set of HEI services in a unified form.



Information Security

The EUNIS Information Security (InfoSec) group focuses on the current challenges of the information security field. It aims to share knowledge about information security development and compliance, as well as solutions to support the implementation of the GDPR from the information security point of view.



Mobility & Digital Credentials

Citizens now more than ever are demanding the convenience and speed of digital services without compromising the security of their private data. The process of issuing and verifying diplomas is one of the core workflows in universities operations, hence there have been numerous initiatives from different institutions across Europe that are exploring the digitization of this process.



Inclusion & Sustainability in AI (AI4ALL)

The vision of AI4ALL is to promote an inclusive and sustainable AI journey. Its aim is to create a cross initiatives community that fosters the dissemination of information and best practices among EUNIS members and relevant stakeholders in the public sector and academia.



<https://eunis.org/task-forces/>

Programma

RSU

**GOVERNANCE AND
POLICY**

**Pre-
conference
darbnīcas
SIG grupās**

**IT AND
INFRASTRUCTURE**

**LEARNING,
TEACHING, AND
RESEARCH**

SCIENTIFIC PAPERS



EPiC Series in Computing

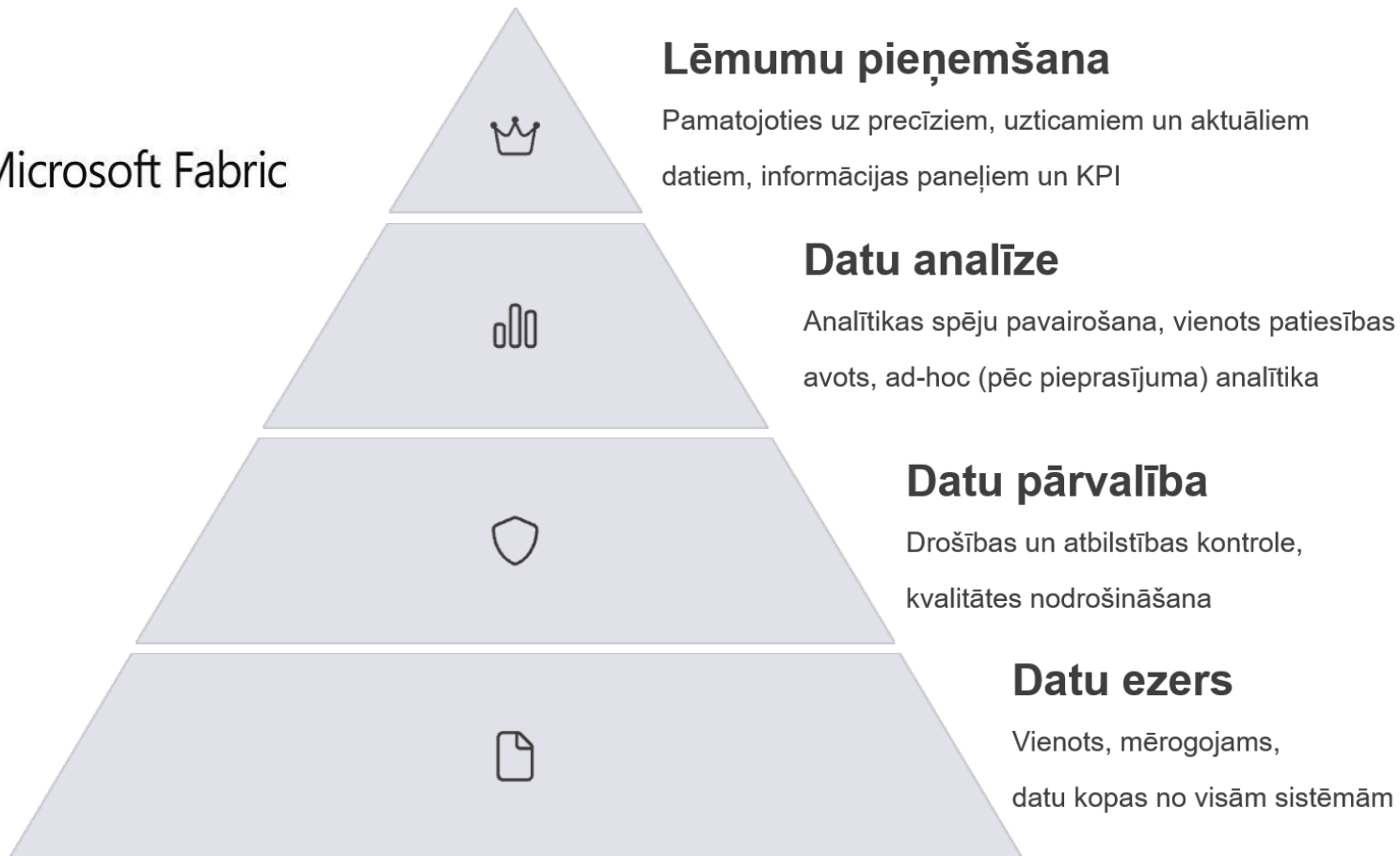


<https://eunis.org/eunis2026/>

<https://easychair.org/publications/EPiC/Computing>

Prezentācija: datu platformas

Why a Modern Data Platform Matters: Microsoft Fabric Implementation Journey at Riga Stradins University



RSU



Customer Stories ▾

12/1/2025

Rīga Stradiņš University uses Fabric to turn fragmented data into intelligent insights

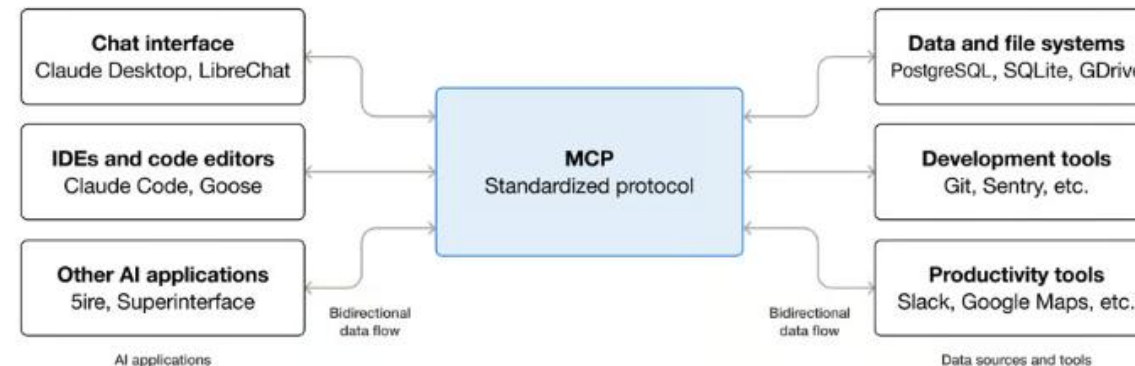
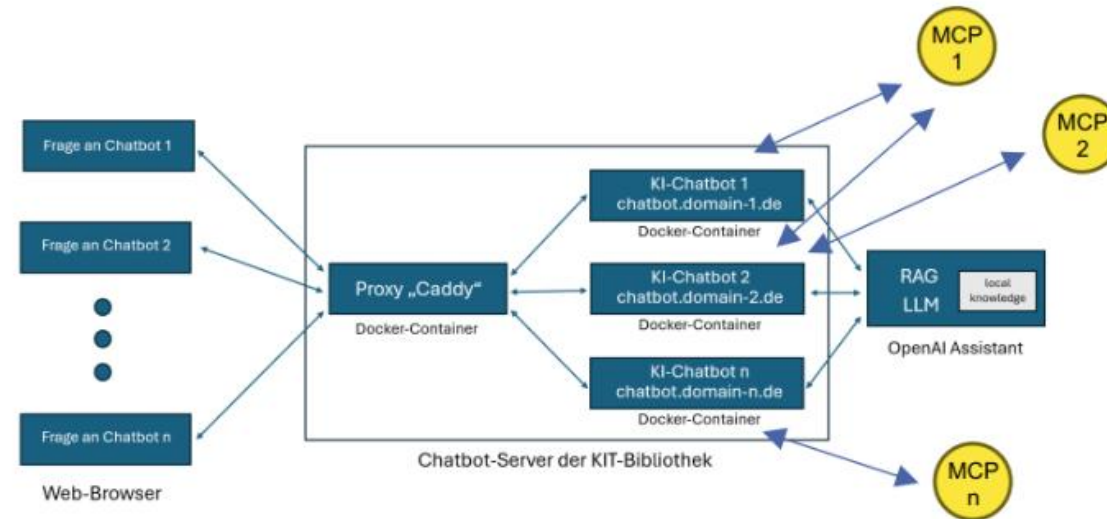
Share the story ↗



Beyond RAG: Real-Time Tool-Enabled Chatbots with MCP (Model Context Protocol)

RSU

- **MCP** - viens standarts visiem rīkiem, nevis atsevišķa integrācija katram
- **Dati** tiek pasniegti no datu avota reāllaikā, nevis iestrādāti modelī
- **Lietotāji** var izmantot savus MI rīkus – viena "sava" čatbota vairs nepietiek
- **Kontrole** pie īpašnieka: ko atklāt, piekļuve, audits
- **Rezultāts**: pārvaldāma datu izplatīšana decentralizētā MI vidē



Uwe Dierolf
KIT Library

Karlsruhe Institute of Technology



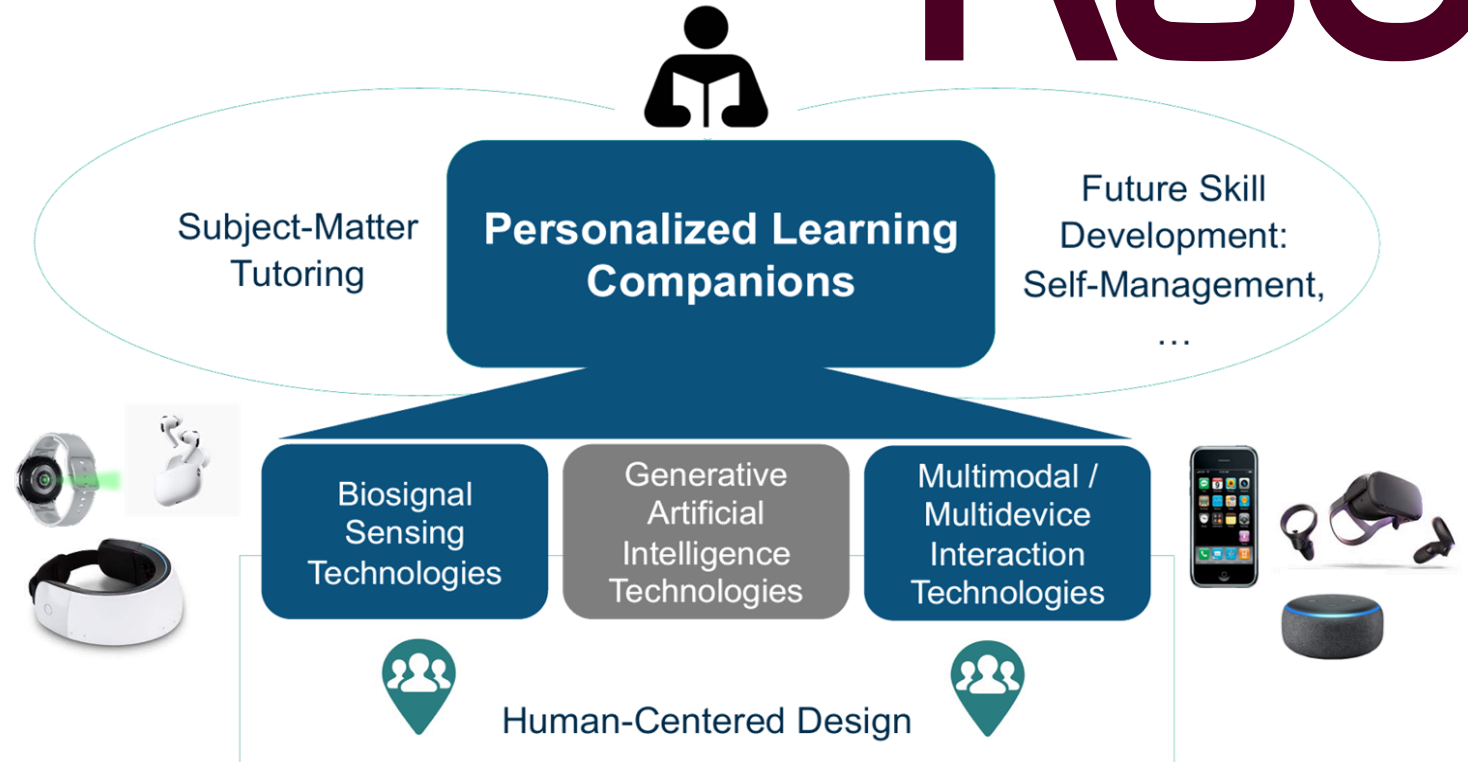
<https://cloud.bibliothek.kit.edu/in dex.php/s/Lzp2g4crpLnWXrR>

The Rise of Personalized Learning Companions

RSU



Prof. Dr. Alexander Mädche
Institute for Information Systems (WIN)
Karlsruhe Institute of Technology (KIT)



Īstais brīdis

Dati par nogurumu un koncentrēšanos palīdz izvēlēties, kad mācīties un kad atpūsties.



Emociju un stresa pārvaldība

Biosignāli atpazīst spriedzi un eksāmenu trauksmi, piedāvājot īsas atbalsta iejaukšanās.



Efektīvāka mācīšanās

Uz uzmanību balstīta personalizācija koncentrē atkārtos uz vajātajām vietām.



<https://www.amsl.app/en/>

LEARNING, TEACHING, RESEARCH

TEST

AUTHENTIC ASSESSMENT
MOVING BEYOND AI DETECTION

EXTENDING LEARNING BEYOND THE DEGREE
"In this I have I could continue!"

HOW CAN WE MAKE RESPONSIBLE?
"Hey! I don't have the time!"

CONTINUING LEARNING
ADAPT TO CHANGING VOCABULARY NEEDS

THE BOOK
GLOBAL SYSTEMS
UNIVERSITY GOVERNANCE
PERSONAL ETHICS

THE UNRELIABLE LIGHTNESS OF AI

BRIDGING STANDARDS
FOR COURSE DATA

HYBRID LLMs
LOCAL LLMs
SERVICE

ARE... LESS RISKY?
MORE

WHY IT MATTERS
SIMPLE IS BETTER THAN COMPLEX

EQUIVALE
SAME AS HOME AS ON CAMPUS!

TRUST
INHERITED TRUST
RELATIONAL TRUST
ANTICIPATED TRUST
SHARED TRUST

IN THE AGENTIC ERA
YOU WANT TO BE ABLE TO PROVIDE
ONLINE DATA IN REAL TIME

IT & INFRASTRUCTURE

DIGITAL APPROACHES TO STUDENT MENTAL HEALTH

REAL EXAMPLES

ANALYTICS
VISION
VALUE
STUDENTS FEEDBACK

CENTRALISATION
AI

TO

WOMEN PARTICIP

STRUCTURE & MEASURE

MAKING USE OF OPEN SCIENCE
FAIR DATA

ALLIANCES BETWEEN UNIVERSITIES

SHARED DIGITAL PLATFORMS

MODERN & AGILE WRITING WORK
"So much data..."

EDUCATION
DEFINE WHAT CAN BE LITTLE

RIGHT NOW

HIGHER EDUCATION IS SO MUCH MORE COMPLEX THAN MOST PEOPLE THINK

TRANSPARENT VOTING
IT'S NOT THE VISIBILITY OF PEOPLE - IT'S THE VISIBILITY OF ACTIONS

PERSONALISED LEARNING
COURSES
AREAS OF IMPROVEMENT
MOODLE

GOOD AUDIO
LEADS TO

GOVERNANCE AND POLICY

DATA

QUESTIONS
GO BEYOND & BEYOND CHALLENGES

REFURBISH
IS ALWAYS BETTER

LAYERED APPROACH
EXPERIENCE
DESIGN
INTEGRATION
SECURITY

HUMAN SUPERVISION

QUALITY ASSURANCE

CUSTOMABILITY IS NOT ESSENTIAL FOR TEACHERS THEY NEED TO UNDERSTAND THE TECHNOLOGY

PROMPT DOCUMENTATION

ONE PAGER STORY TELLING

DESIGN INTEGRATED GOVERNED SPACES

COMPLEXITY
SHARED ANALYTICAL LANGUAGE

CLARITY
TO BRIDGE THE GAPS

CHANG
One unified front end allows rapid model and provider change

UNRESPONSIBILITY IS NEVER FORGOTTEN (ITS MAINTAINED!)

TRUST
IDENTITY is portable, but trust is still negotiated at every door.

TRUST IS PRODUCED CENTRALLY - THE DISTRIBUTED DOWNSTREAM

EVIDENCE

NOT THERE YET, BUT WE'RE DEVELOPING

SCIENTIFIC PAPERS

Be a STUDENT ALL OF YOUR LIFE

UNIVERSITY POLICY

CONFUSION BETWEEN

TEACHER'S BEHAVIOURS & ATTITUDES

PEER TO PEER ADVICE

What does it mean to be a GOOD STUDENT?

YOU WILL NEED CURIOSITY ENDURANCE BE ABLE TO ADAPT CONTINUOUSLY

INTELLIGENT SYSTEMS
AN ENTITY THAT GOVERNS ALL EDUCATIONAL SYSTEMS

INTELLIGENT INFRASTRUCTURES

Be aware of the LEARNING ILLUSION

PERSONALISED LEARNING
COURSES
AREAS OF IMPROVEMENT
MOODLE

TRANSPARENT VOTING
IT'S NOT THE VISIBILITY OF PEOPLE - IT'S THE VISIBILITY OF ACTIONS

GOOD AUDIO
LEADS TO

EUNIS26

CONGRESS

DIGITAL SPACE

OPEN SCIENCE

APPROACH IT!

WE NEED A COHERENT VISION!

WHO'S BEEN TO EUNIS BEFORE?

INTERA

RIGOROUS ARCHITECTURE GOVERNANCE DATA

IT'S UP TO US TO IMPLEMENT IT

AI ACT

ACADEMIC FREEDOM
Should be protected like TRANSFORMATION

TEACHER'S MENTAL HEALTH IS CRITICAL

INFRASTRUCTURE IS NOT ENOUGH

SPEED MATTERS!
Early movers set the STANDARDS

ALWAYS RIDE THIS WAVE!

TECHNOLOGY

RESPECT
"SO I DON'T BECOME A TOOL FOR CONTROL..."

CRITICAL QUALITY

IN THE END... WHAT MATTERS IS THE FLASKER!

DIGITAL LITERACY
PEACE JUSTICE

STORY TELLING

WE NEED MORE PEOPLE IN BENCHMARKING & LEADERSHIP

DIGITAL AGENTS

ALLIANCES

WE ARE NOT MOVING FAST ENOUGH!

WE NEED TO UNDERSTAND WHY WE ARE LEARNING!

WE ALWAYS NEED TO LEARN ABOUT THEM

NEW TECHNOLOGIES

YOU SEND IN MORE SUBMISSIONS

RESEARCH TO EUNIS

SCIENTIFIC COMMITTEE

TOGETHER



FS 1993–2026: How Student Administration Became a Digital Collaborative Effort

Anne Kathrine Haugen¹ and Geir Magne Vangen¹

¹ Sikt, Norwegian Agency for Shared Services in Education and Research
anne.kathrine.haugen@sikt.no, geir.vangen@sikt.no



Norvēģijas FS (Felles studentsystem)

Viena sistēma visai
Norvēģijas augstākās
izglītības sistēmai

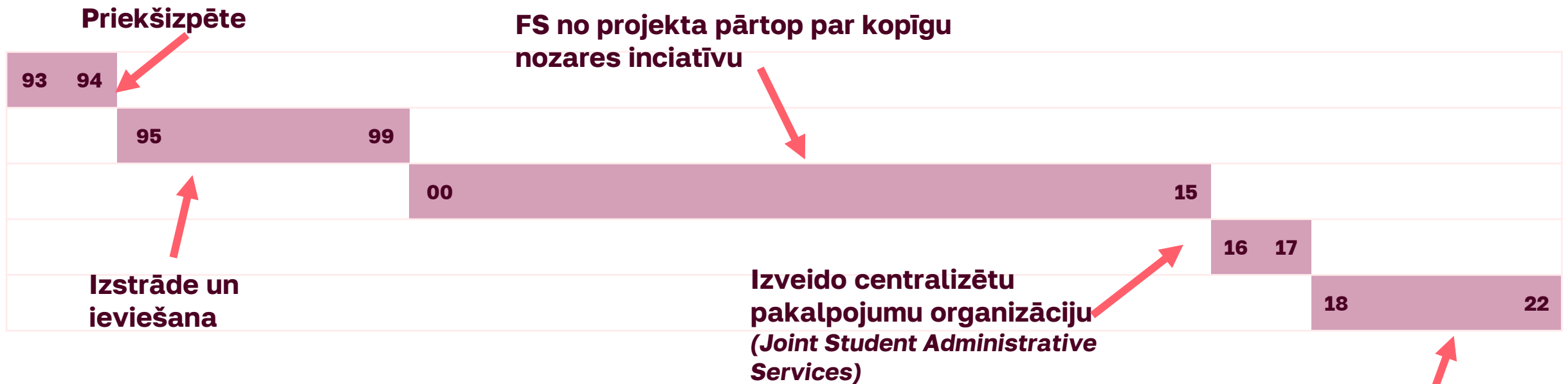
- Nacionālā SIS
- Attīstīta kopš 1993. gada
- Aptver visus galvenos studiju procesus – no uzņemšanas līdz diplomu izsniegšanai

<https://easychair.org/publications/paper/P1L3k>

RSU



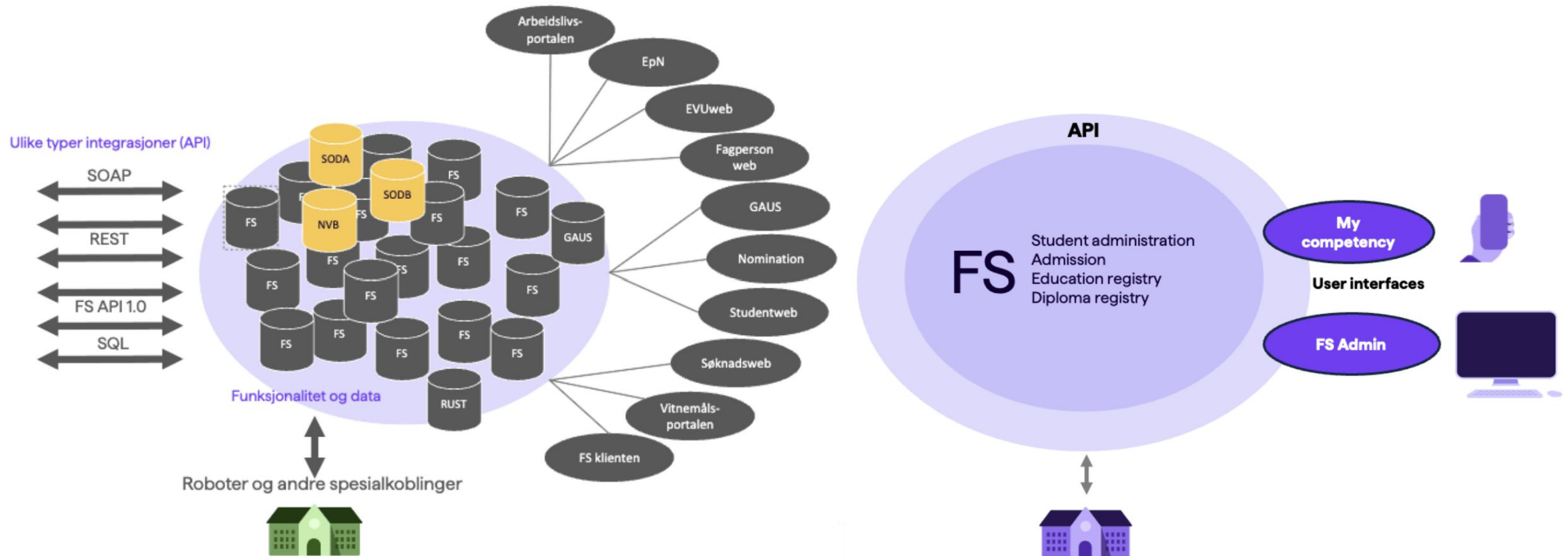
FS attīstība laika gaitā



<https://easychair.org/publications/paper/P1L3k>

Sistēmas vispārīgs apraksts

RSU



<https://easychair.org/publications/paper/P1L3k>

FS izmaksas - salīdzinoši zemas



- In-house izstrāde
- Kopīgs augstskolu finansējums
- Minimāla ārējo konsultantu piesaiste

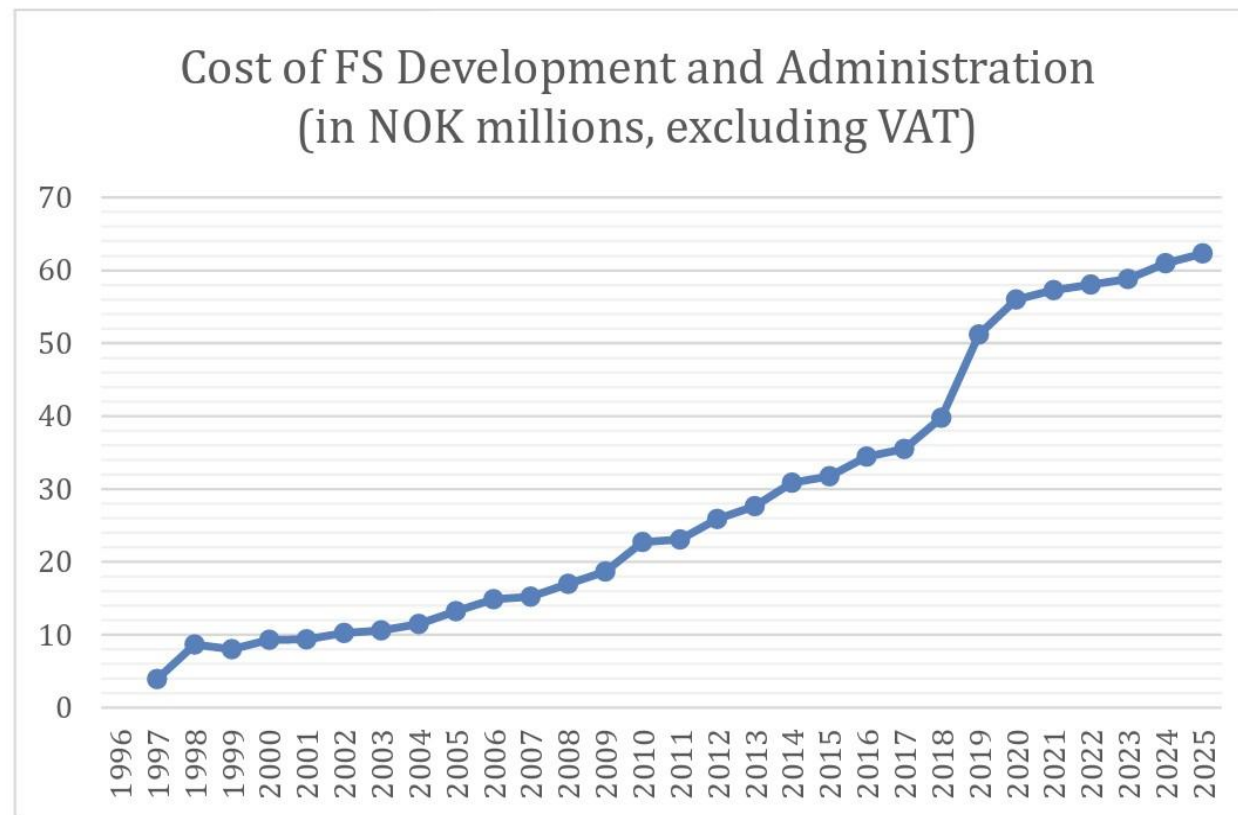
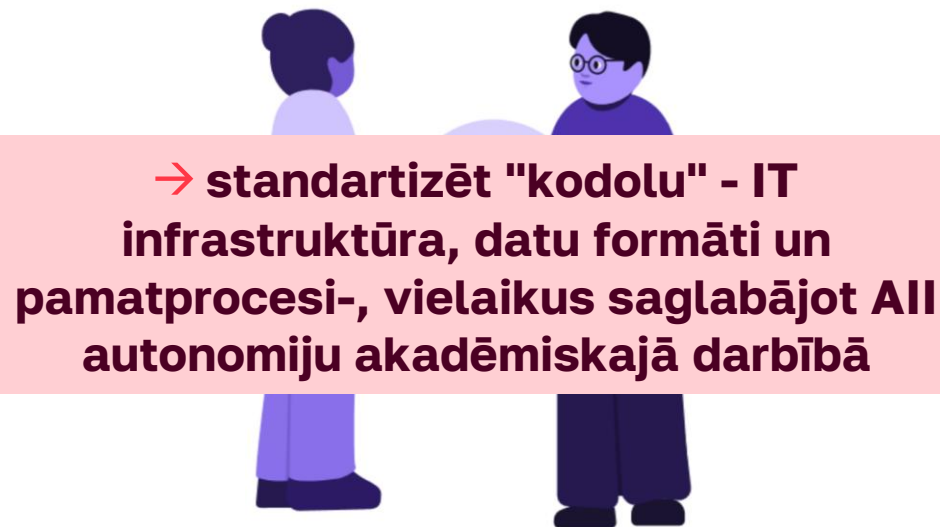


Figure 1 Cost of FS development and administration

<https://easychair.org/publications/paper/P1L3k>

Izaicinājumi → secinājumi

RSU



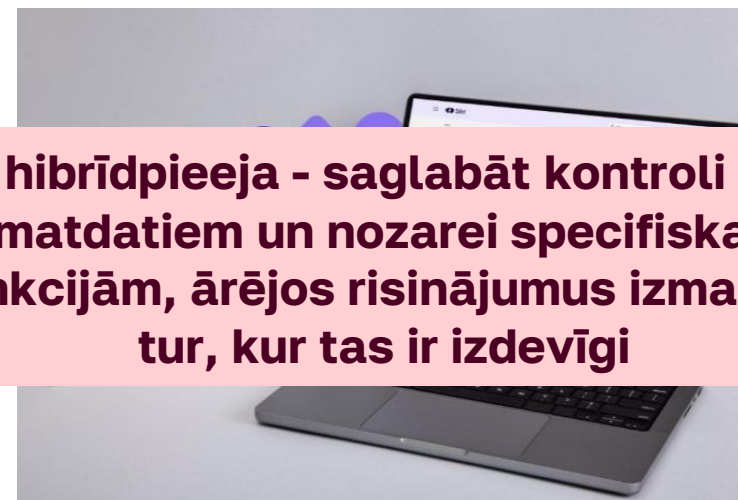
→ standartizēt "kodolu" - IT infrastruktūra, datu formāti un pamatprocesi-, vielaikus saglabājot **All** autonomiju akadēmiskajā darbībā

**standartizācija
VS autonomija**



→ virzība uz modeli, kur students pats kontrolē, kam un kā viņa dati tiek izmantoti

**atvērti dati VS
datu aizsardzība**



→ hibrīdpieeja - saglabāt kontroli pār pamatdatiem un nozarei specifiskajām funkcijām, ārējos risinājumus izmantot tur, kur tas ir izdevīgi

**in-house VS
gatavi risinājumi**

FS veiksmes pamatā nav tikai tehnoloģijas, bet gan uzticībā balstīta sadarbība, pārvaldība un kopīga atbildība par rezultātu.



WP3. Studiju procesa novērtēšanas sistēma

- FeedbackFruits - kā studenti mācās un sadarbojas kursā.
 **FeedbackFruits**
- Explorance - kā universitāte analizē atsauksmes un pieņem lēmumus.
 **explorance.**
- Drieam (Portflow) - nodrošina studiju rezultātu un kompetenču attīstības novērtēšanu.

DRiEAM

WP4. Studējošo prakšu pārvaldība



- Symplicity - prakšu, karjeras pakalpojumu un darba devēju sadarbības pārvaldība.



WP6. SIS bāzes funkcionalitāte (institūcijās)



- OpenCampus - studējošo informācijas sistēmas (SIS) pamatfunkcionalitāte.



- Salesforce - CRM un studējošo pārvaldība.



WP7-10 Koplietošanas reģistri (VPC)



- QualityLink - koplietojams kursu un mikrovalifikāciju datu modelis/katologs, Eiropas mēroga kursu katalogs.



Citi sponsori

RSU



MI brieduma ietvari: divas pieejas



Somija — AITO / CSC

- Ietvars 4 dimensijās: Pētniecība, Izglītība, Atbalsts, Sadarbība
- Brieduma skala 1–5 katrai dimensijai neatkarīgi
- Nacionāla kartēšana → salīdzināmi dati politikas veidošanai

Apvienotā Karaliste — Jisc

- AI Maturity Toolkit — 3 pīlāri: prasmes/zināšanas, tehnoloģija, pārvaldība
- Pašnovērtēšanas rīks iestādēm, balstīts uz datu briedumu
- Galvenais šķērslis — trūkst AI pārvaldības ietvaru

Brieduma līmeņu skala (1–5)



Beginner

Individuāla eksperimentēšana



Exploring

Pilotprojekti, vadlīnijas



Operational

AI iegults procesos



Strategic

AI stratēģijā un plānošanā



Transforming

Jauna prakse, līderība

*<https://csc.fi/en/news/ai-is-transforming-higher-education-aito-framework-brings-clarity/>

*<https://www.jisc.ac.uk/ai-maturity-toolkit-for-tertiary-education>

Highlights

AITO Framework: AI Maturity Levels in Higher Education Institutions
AI in Innovation, Research and Education (aito-ai.fi)

Level	Research	Education	Support	Cooperation
Level 5 Transforming Innovation and new operations	AI transforms research practices and drives innovation across all fields. The institution is recognised as a leader in AI research.	The institution fundamentally renews learning practices. New fields of education emerge; AI expertise becomes a key societal resource.	AI transforms expert work, administrative processes and services and how they are organised. The institution leads in responsible AI use.	The institution shapes the national and international AI landscape. Participates in developing global AI solutions and international networks.
Level 4 Strategic AI permeates operations	AI spans the full research lifecycle. Methods are shared across disciplines. New kinds of research emerge.	Development of AI related competence need in different fields managed. Adaptive learning and AI assistants support students individually. AI is integral to curricula and assessment.	AI integral to knowledge based management: foresight, planning, resource management, and monitoring of development projects.	A sought after AI partner for industry. Active role in societal AI debate. Shared AI infrastructures in use.
Level 3 Operational AI in processes	AI embedded in research: data analysis, source retrieval, translation and writing all accelerate. Shared practices and training underway.	AI used to develop educational materials and learning environments. Teachers trained systematically. AI-based analytics supports students' individual progress.	AI established in expert work and administration. Institution's AI policy, ethical use guidelines and governance model steer practice.	Established AI partnerships with industry and other HEIs. The institution's AI expertise and research collaboration are recognized and used.
Level 2 Exploring Pilots, guidelines	Piloting tools and sharing experiences. Shared guidelines for key tools. Advanced AI use in individual research projects.	Piloting tools. Shared guidelines for AI use in teaching. Advanced use on individual courses.	Piloting tools and methods. Recommendations on tools to use. Advanced use in individual processes. Roadmap of AI use in place.	Individual joint projects with companies and other HEIs. AI emerges as a theme in partnership discussions.
Level 1 Beginner Ad hoc use	Individual researchers experiment with AI tools independently.	Students and teachers use AI independently. Lack of shared practices creates challenges for assessment.	Individuals experiment with AI tools in expert work and in support and administrative services independently.	Occasional networking. No systematic AI partnerships.



Will we achieve **Hybrid Intelligence**?

'Hybrid intelligence seeks to create sociotechnical ensembles in which human and machine capabilities are meaningfully integrated and mutually enhancing.'

Barbara Wasson

Or ...

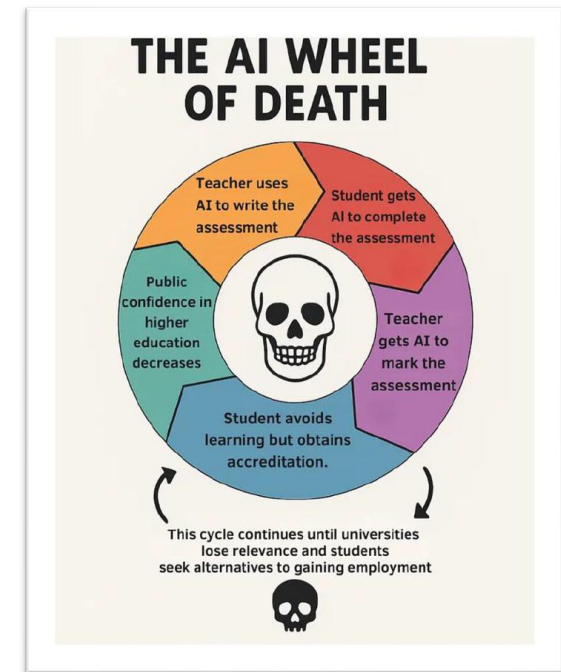


Image credit: CC BY-NC 4.0 james bedford

Growing Need for Self-Management Support for Students!

News / Education / Global study finds students struggling with self-management and metacognition

Global study finds students struggling with self-management and metacognition

A Cambridge study reveals students worldwide struggle with "self-management", lacking skills to plan, monitor, and evaluate learning, making explicit instruction in "how to learn" essential for future success.

<https://educationpost.in/news/education/global-study-finds-students-struggling-with-self-management-and-metacognition>

AI Sign of Change

Juho Leinonen: Problems with self-regulation can cause students to rely too heavily on AI

Tina Aulanko-Julkunen
Published: 25.9.2025

<https://www.aito.fi/en/news/juho-leinonen-problems-with-self-regulation-can-cause-students-to-rely-too-heavily-on-ai>

- The need for self-management support for students is **not** a new topic.
- Massive adoption of (generative) AI makes self-management skills even **more critical** for students.
- Self-management skills are - alongside other skills (teamwork, empathy, etc.) - **essential future skills**.

WIT Prof. Dr. Alexander Mächte

KIT

Galvenās atziņas



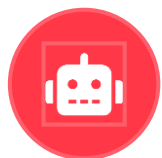
Akadēmiskā brīvība

Universitātēm pašām jāveido savs AI pārvaldības modelis.



Digitālā iekļaušana

AI risinājumiem jābūt pieejamiem visiem studentiem neatkarīgi no resursiem.



Personīgie AI aģenti

Nākotnes scenāriji ar personalizētiem AI palīgiem studentiem un mācībspēkiem.

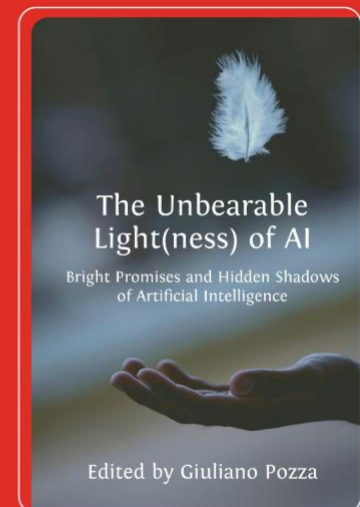
RSU

Bez kvalitatīviem datiem AI projekti cieš neveiksmi – datu briedums ir priekšnosacījums izaugsmei.

EUNIS AI4ALL SIG's Book Publication

A thought-provoking new publication written by members of the EUNIS AI4ALL SIG and the wider EUNIS community exploring the **opportunities, contradictions, and evolving realities of artificial intelligence in higher education** and beyond.

OpenBook
Publishers 



Nākamie soļi: ceļā uz EUNIS2027

RSU



Uzņemt AI4ALL SIG ikgadējo tikšanos

RSU varētu nohostēt nākamo EUNIS SIG AI4ALL tikšanos, diskutējot par aktuālajiem AI risinājumiem, kas varētu interesēt arī citas Latvijas universitātes un dalīties pieredzē.



Dalīties pieredzē EUNIS 2027 kongresā

Ja RSU ir interesanti use case vai pētījumi MI jomā — laipni aicināti piedalīties un dalīties ar saviem stāstiem un pieredzi nākamajā kongresā.

Nākamais EUNIS kongress

1. - 4. jūnijs, 2027.

gads

Rīgas Stradiņa universitāte

