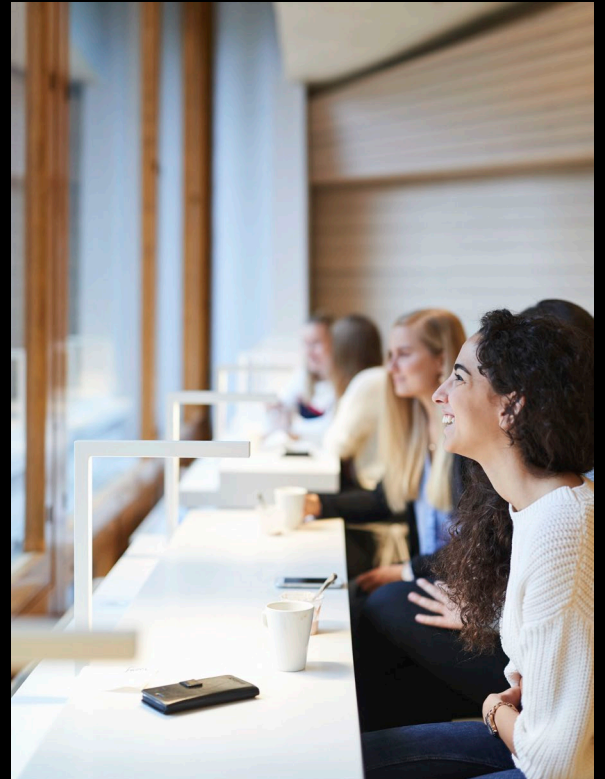


Data Agent annual report 2022

Udayanto Atmojo, Kunal Bhattacharya, Richard Darst, Lara Ejtehadian, Luca Ferranti, Charlotte Forsgård, Enrico Glerean, Dan Häggman, Clemens Icheln, Lucie Hradecká, Mika Jalava, Beatrice Koponen, Ilari Lähteenmäki, Laura Mure, Thomas Pfau, Jarno Rantaharju, Antti Rousi, Teemu Ruokolainen, Eeva Savolainen, Katri Seitsonen, Pedro Silva, Anne Sunikka, Antti Valkonen, Essi Viitanen & Charlotte Zborowski



Aalto-yliopisto
Aalto-universitetet
Aalto University



Credit: Unto Rautio

Data agent 2022 highlights

Udayanto Atmojo (Electrical Engineering and Automation) udayanto.atmojo@aalto.fi

- Advise open research software practices for research activities in Aalto Factory of the Future laboratory. Help with Research Data Management in EU project ZeroSWARM

Kunal Bhattacharya (Industrial Engineering and Management) kunal.bhattacharya@aalto.fi

- Webinar on Restricted Datasets in spring. Datahub related activities – purchase/renewal. Summer course on text mining tools

Richard Darst (Computer Science) richard.darst@aalto.fi

- Research Software Engineer service provides hands-on support for all types of work – open science and data are one of the main benefits we have. Online teaching strategies have allowed an unprecedented level of reach and cross-organization collaboration. Aalto Scientific Computing “time saved by researcher vs time spent by staff” is estimated at 5×.

Data agent 2022 highlights

Enrico Glerean (Neuroscience and Biomedical Engineering) enrico.glerean@aalto.fi

- Guest for DIEM Research methods course. Guest lecturer for the CS course “Digital Health” (with Richard). Anonymization workshop requested at UiOslo. Secure computing environment (building the secdata Findata environment). Member of Aalto’s Academic Affair Committee. External ethics advisor for EOSC project FAIRcore4EOSC. National policy for open research methods. National working group for the professionalization of RDM experts

Dan Häggman (Built Environment) dan.haggman@aalto.fi

- How to store research data and How to store sensitive research data webinars in spring and autumn. Help with data acquisitions, storage planning and guidance in the BE department. Guidance available for all of ENG through weekly combined RSITE and data advice sessions.

Clemens Icheln (Electronics and Nanoengineering) clemens.icheln@aalto.fi

- Webinar on how to share research data. Metadata guidance at the department

Data agent 2022 highlights

Mika Jalava (Built Environment) mika.jalava@aalto.fi

- Webinar on how to make your research reproducible. Guidance for projects at the department

Pedro Silva (Chemistry and materials science) pedro.silva@aalto.fi

- Joined as Data Agent. Keynote speaker at a research data stewardship event organized by the Association of German Universities of Technology. Gave a lecture about RDM for chemists

Antti Valkonen (Economics) antti.t.valkonen@aalto.fi

- Project manager for Aalto Data Hub. Webinar on registry data.

Data agent 2022 highlights

Essi Viitanen (Research services) essi.Viitanen@aalto.fi

- Path for handling personal data in research. Introduction to RDM. Data Management Plans instruction

Charlotte Zborowski (Bioproducts and biosystems) charlotte.Zborowski@aalto.fi

- Joined as Data Agent. RDM consultation/advice in Bioproducts and biosystems department. RDM webinar for CHEM school. Tailored tool presentation (ELN, storage etc.) for research groups

Key metrics 2022

Trainings

- 33 webinars and workshops in collaboration with Aalto Scientific Computing
- A total of c. 2000 registrations
- 734 registrations to autumn 2022 RDM webinars (excluding Code Refinery), c. 50% were from Aalto (363) and c. 20% were from abroad (160), including registrations from North-America, United Kingdom, South-Africa and Europe.
- Youtube videos were watched over 2k times in 2022 (61% increase to 2021) with a total running time of over 200 hours (68% increase to 2021).

Key metrics 2022

researchdata@aalto.fi solved tickets

2020: 59; 2021: 181; 2022: 185

researchdata@aalto.fi commented DMPs

2022: 54 (51 AoF; 3 EU)

Yearly increase in the number of ACRIS metadata of datasets

2020: 100; 2021: 187; 2022: 181 (more info from the acris@aalto.fi)

Aalto data hub data sets

3.1.2023 44 data sources (more info from datahub@aalto.fi)

Aalto RDM network. Draft V1.0

Aalto RDM network – vision, goals and actions 2023-2024



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[Visual presentation template created by Essi Viitanen]

Vision for the RDM network

Aalto RDM network
is a leading unit of
RDM&OS in Europe

This vision supports Aalto's strategic aims of strengthening the clusters of excellence in Aalto's key research areas, helps Aalto to achieve a greater societal responsibility in teaching and continuous learning, and becoming a greater global node of impact

Network goals for 2023-2024

Data services are offered to all disciplines and all levels of research personnel

The production of high quality research data and documentation (metadata) are common and belong to the responsibilities of Aalto researchers

Aalto fosters a culture of good data practices across all disciplines

Aalto uses in-house developed (e.g. Data Hub & AMAD) and national federated infrastructures (e.g. CSC) to provide world class infrastructures for research personnel

Network actions 2023-2024

Systematic Aalto
wide research
groups visits

Training:
Open
OS&RDM
webinars

Training:
Inclusion of
RDM info in
strongly
recommended
courses for
personnel

Outreach
Reach out to more
research personnel
who are unaware of
RDM services and
don't follow good RDM
practices

International
events and
networking
for the Data
Agents

Development
and
broadening of
the Data Agent
network

Streamlining
what is
perceived as
bureaucratic

The Data Agents

Offer support
on the
researchers'
and projects'
terms

The Data Agents
are
connectors!

Staying aware
of good RDM
practices and
sharing them via
consultations
and training

Inform
researchers
about existing
RDM tools and
infrastructures