

Få inspiration af en visiting fellow

- Europæisk samarbejde styrker vores kompetencer

Forsommeren 2024 havde DTU Bibliotek i samarbejde med et af universitetets institutter, DTU Kemiteknik, i to måneder fornøjelsen af "visiting fellow" Ann-Christin Andres fra University of Mainz, Tyskland, via en bevilling fra Skills4EOSC. Ann-Christin deler her sine indtryk og erfaringer efter opholdet

□ **Ann-Christin Andres**, University of Mainz, Tyskland

I am excited to share my experience with a fellowship programme that has been a real eye-opener! Thanks to Skills4EOSC and the fellowship programme "Unlocking opportunities in Open Science and Fair Data" that supports the collaboration between professionals from different institutions by sponsoring short secondments for data experts in the field of open science.

The joint project with DTU and DTU Library was planned for two months. DTU Library is responsible for supporting the departments at DTU in implementing the new Research Data Management (RDM) policy. Why me? Well, I come from a background in both RDM and chemistry, which makes me a good fit to support the Chemical Engineering department with the RDM implementation.

The aim of the project was to clarify

strengths and obstacles for RDM practices in the daily work of chemistry research groups by assessing the current state of RDM and identifying how best to support researchers.

Building Awareness: From Theory to Practice

My journey began with a clarifying workshop titled "Raising awareness and improving practices." This was a great chance to meet researchers from one of the department's research centers and introduce them to RDM concepts. We talked about data storage, archiving, and even handling physical samples while the participants reflected on their own research data management. It was fantastic to see the great workshop atmosphere: The discussions flowed and we identified areas where RDM could have a real impact. The workshop was well received so we decided to roll it out to two more research centers!

Deeper Dives: Challenges and Solutions

To get a deeper understanding, I also conducted short interviews with researchers. Here's what I discovered: while everyone recognizes the importance of data management, there's a disconnect between the official RDM guidelines and their day-to-day workflows.



The problem at the Chemical Engineering department? Current storage solutions don't always align with how researchers naturally organize their data.

Key Takeaways: Collaboration and communication are key!

These initial findings highlight a crucial point: effective RDM goes beyond just teaching theory. Collaboration with researchers is essential! Instead of a top-down approach, researchers need to be involved in shaping RDM practices. Plus, having a dedicated support team from the library and IT department makes a huge difference. But researchers also need a contact person who can address their specific challenges and gather feedback.

Working Together for Success

Throughout this project, I've been collaborating closely with the DTU Library RDM team. The communication with the contact persons of the library was very friendly from

the very beginning, and I had the impression from the first meeting that great importance was attached to the joint planning and realization of the fellowship. This impression was confirmed during my time on site. I felt very well challenged and supported. There were always invitations to lectures and thematically appropriate workshops that

could be easily integrated into the workload. This gave me the opportunity to look at the work from a different perspective.

Bouncing ideas off each other and learning from their experiences has been very valuable. I gained an insight into the diverse activities

i *The fellow*

Ann-Christin Andres is a chemist with over 3 years of experience in research data management (RDM) with a focus on RDM training. In her current position as a research associate for RDM at the university of Mainz, she enjoys using her skills to contribute to the exciting work of NFDI4Chem to create a future for data in chemical research. NFDI4Chem is the chemistry consortium of the National Research Data Infrastructure (NFDI), a German association in which valuable data from science and research are systematically accessed, networked and made usable in a sustainable and qualitative manner. Ann-Christin's work covers a wide range of RDM consulting services, and she is passionate about FAIR and Open Science.

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in a library and got an overview of the essential work processes. I learnt how the review process of a data publication works, which is a really important new skill.

Conclusions and outcomes

It was great to contribute my experience in the conception and realization of RDM workshops. Within my work for NFDI4Chem, such close collaboration with a chemistry department over several weeks has not yet been possible. The approach of working with the chemistry department and DTU Library was good, but the chemistry department was not always open to the suggestions and support offered by me and/or the library. It became clear that a project like this is not just about expertise, but also about interpersonal skills: it is all about communication. I realized that DTU Library offers a lot of useful services, and it is sad to see that researchers are not aware of these services and do not use them.

I'm staying tuned to see how the gap between RDM theory and practical implementation in chemical research can be closed.

My personal conclusion is that Denmark is definitely worth a trip. If you get the chance to do a fellowship (at DTU), you should definitely take it.

The fellowship abroad was a great opportunity to try out new ways of applying techniques I already knew. I was able to put my knowledge and further practical experience in teaching RDM to good use. I also had the chance to get to know lots of lovely people and learn about their culture. I had a fantastic experience overall and really enjoyed the fellowship, so I would definitely do another one abroad if the opportunity arose.

i Skills4EOSC
Skills for the European Open Science commons: creating a training ecosystem for Open and FAIR science

Behovet for dataprofessionelle såsom data stewards, datamanagers og open science-specialister er stigende i Europa. Der er på europæisk plan behov for at understøtte og harmonisere træning af sådanne dataprofessionelle. Dette "skills gap" adresseres af Skills4EOSC-projektet.

Skills4EOSC begyndte i september 2023 og varer 3 år. Projektet finansieres af Horizon Europe-programmet, koordineres af GARR, det italienske forsknings og uddannelsesnetværk og består af 44 partnere i 18 europæiske lande. I Danmark deltager DTU, CBS, KB, AAU, AU og DeiC i en lang række arbejds pakker.

Formålet med Skills4EOSC er at danne et netværk af Kompetencecentre, der skal understøtte uddannelsen af europæiske forskere og dataprofessionelle indenfor håndtering af forskningsdata (research data management, RDM), FAIR data og open science. Skills4EOSC ønsker også at harmonisere denne træning og uddannelse indenfor European Open Science Cloud (EOSC).

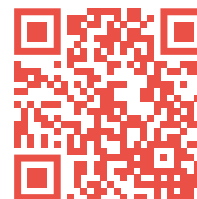
For at understøtte livslang læring har Skills4EOSC-projektet udbudt fellowships til etablerede dataprofessionelle, der ønsker at videreudvikle deres kompetencer indenfor FAIR og open science. Der blev tildelt ni rejsebevillinger, hvor ansøgeren opholder sig hos en værtsinstitution indenfor Skills4EOSC-konsortiet. Ann-Christin Andres er en af de første sådanne fellows, der denne sommer har afsluttet sit ophold på DTU og DTU Bibliotek.

Læs mere



Læs mere om Skills4EOSC:

www.skills4eosc.eu/



Læs mere om fellowships: www.skills4eosc.eu/participate/fellowship-programme

