



Open and local: The University Library as stakeholder in the Open Science movement

Background Open Science

Scientific progress is based on "openness" of research results, research methods and research data. A central concern of scientists is therefore the publication of their results, data and code to make their work and findings visible and appropriately appreciated in the scientific community. Digitally available free research has also become a **quasi-standard** for support from science funders such as the BMBF and EU. And more and more publishers are supporting scientists in making scientific results available worldwide without payment barriers and without technically restrictive conditions of use.

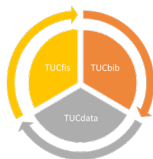
Current role of the University Library

The university library acts as a **pioneer for open science** at Chemnitz University of Technology (TUC). With its open access activities the library aims at promoting **openness within the whole university**. In this context the team perceives itself as mediator between the computer centre, administration, scientists from all faculties and publishers regarding **open access, open and FAIR data/research data management, open source, open educational resources, open evaluation, citizen science and open review**.



Roadmap

The open science team is involved in developing a university's information infrastructure by connecting a **research information system (TUCfis)**, the **university bibliography (TUCbib)**, with an **institutional research data repository (TUCdata)** for sustainable data archiving.



Chemnitz University Library – Our Journey towards Open Science Services



§ Transformation Contracts to Open Access

- TUC has concluded agreements with several publishers for the discounting of open access publications, e.g. Springer Nature and Wiley
- TUC is participating in the open access transformation agreement with the publishing house **Hogrefe**: until 2023, open access publication in the so-called PsyJournals is "free"

€ Open Access Publication Fund

- the TUC, together with the German Research Foundation (DFG), promotes the publication of its scientists in open access journals
- there still is an open access publication fund for „corresponding authors“ or „submitting authors“ of TUC
- the library recommends open licences to authors, preferably CC-BY 4.0

📖 Open Access University Press | Open Journal System

- Chemnitz University Press, located at the library, promotes the free accessibility of TUC-publications
- the library supports researchers in founding new open access journals using the open source software Open Journal System (OJS)

🔍 Online Publication Service

- TUC members can publish open access publications in the repository MONARCH-Qucosa® that assigns metadata and persistent identifiers to the documents
- Either as first or as second publication (according to the so-called green route)
- using tools like Sherpa Romeo, Dissemin or Journal Checker Tool

📁 Open Access Policy of Chemnitz University Library

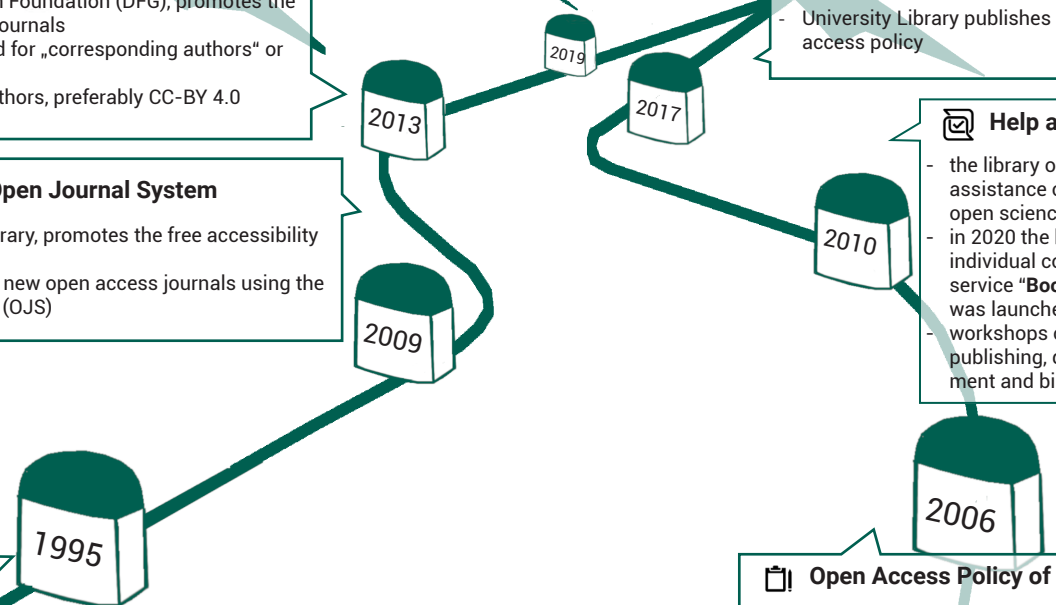
- University Library publishes its own open access policy

📖 Help and advice

- the library offers advice and assistance on all aspects of open science
- in 2020 the bookable individual consultation service "Book a Librarian" was launched
- workshops on open access publishing, data management and bibliometrics

📁 Open Access Policy of the TUC

- President of the TUC supports open access as an alternative form of publication at TUC



1995

2009

2013

2017

2019

2010

2006

