

# How Martin Luther University has improved collaborative writing with SciFlow

Introduction of the online text editor SciFlow for writing academic papers



# The “Google Docs” for science and academia

## Focus on what matters-the content-by using SciFlow



### Collaborative writing made simple

Academic papers are written right in the browser with SciFlow. Teams and groups always see the same version of the document, enabling them to collaborate directly on the text without countless emails and versions of the document.



### The right citation style at the push of a button

Easily connect common literature management programs to SciFlow to format your references in the citation style of your choice at the push of a button.



### Easy to get started

SciFlow offers students and researchers an extensive support forum, webinars and personal support. SciFlow also ensures a smooth rollout on campus.



### Saving time during formatting

It can take up to two business days for a paper to be properly formatted. SciFlow provides members of the institution with the necessary templates for journals, enabling the text to be automatically converted into the appropriate format.

# Initial situation at MLU



## Decentralized campus = difficult collaboration

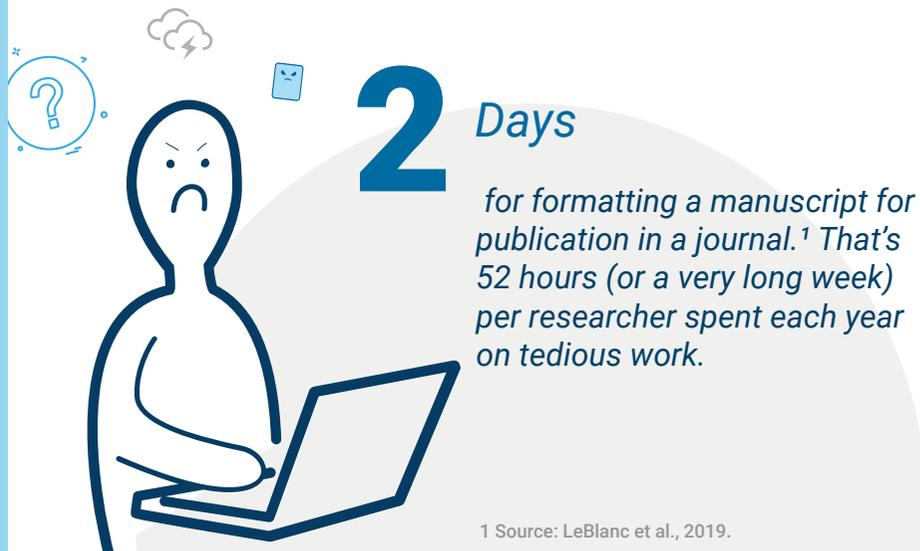
Like many historical universities that have grown over time, there is no single central campus. The departments are located in different parts of the city. As a result, it is rather difficult to physically **share documents** and to work together on one computer.

## Document chaos and time-consuming formatting

At Martin Luther University Halle-Wittenberg (MLU), the classic software **Microsoft Word** was used for writing scientific and academic texts. Students and researchers formatted their papers by hand and used different versions of files sent by email to work on collaborative projects. Anyone who has ever worked with several writers on a Word file knows the chaos that the many different versions can cause.

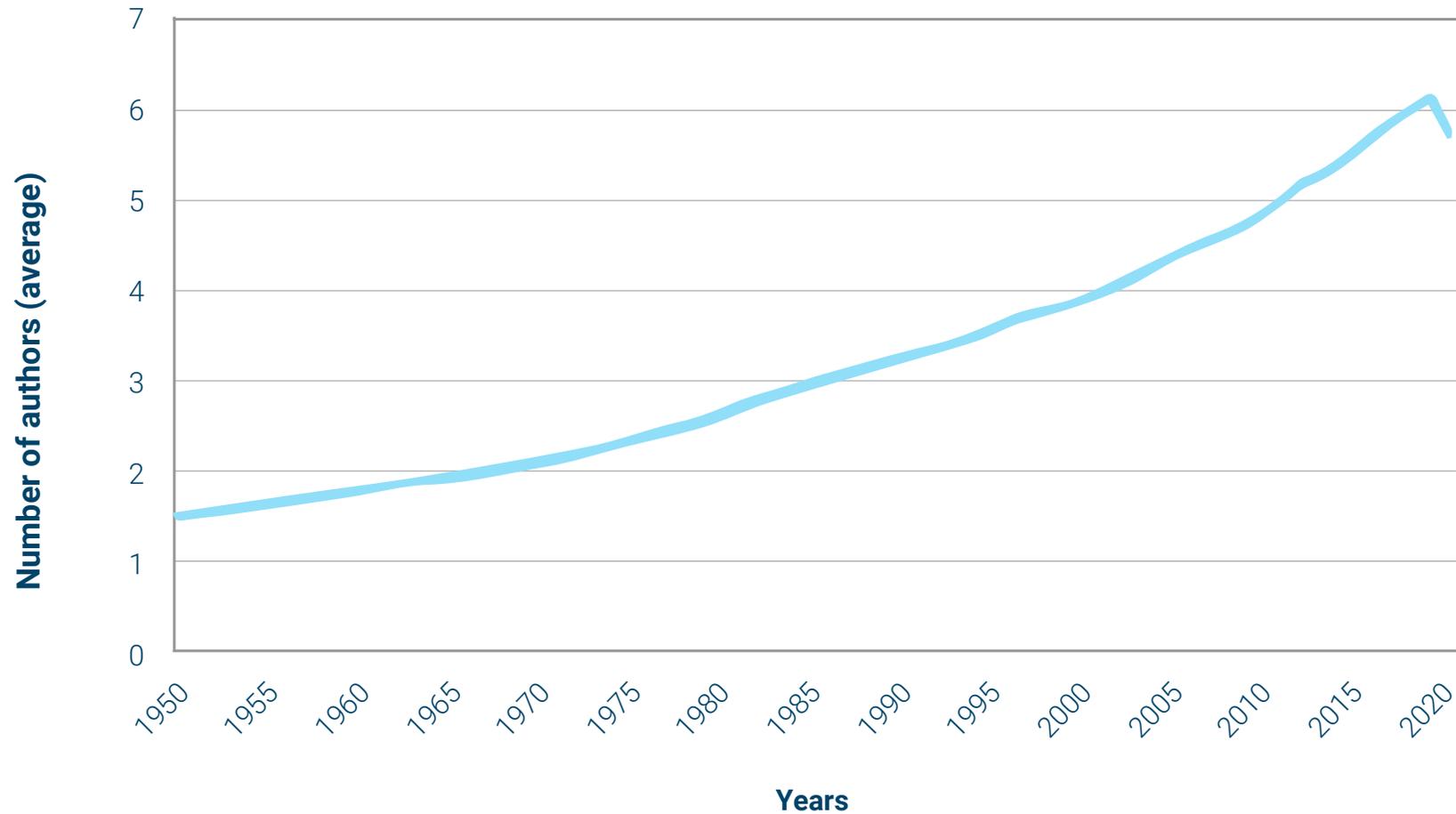
## Google Docs usage not allowed

For data protection reasons, MLU decided to use a system that stores the data in Germany.



<sup>1</sup> Source: LeBlanc et al., 2019.

# Collaborative writing becoming more important



Number of authors according to MEDLINE®/PubMed® Citation

Graph source: <https://www.nlm.nih.gov/bsd/authors1.html>

# The decision to choose SciFlow

## Privacy, collaborative writing and templates

MLU decided on SciFlow due to various advantages over other providers. According to the university, **the fact that Germany is the location of both the company and its servers** was key to meeting data protection requirements. The possibility of online collaboration of all persons involved in writing a document won over MLU officials. SciFlow provides templates that enable users to automatically format their documents in terms of font, font size, layout and citation style. In addition to general templates, SciFlow also creates and provides **university-specific templates**.

## Easy to use for Word users

In searching for a viable alternative to Google Docs, MLU looked at Overleaf and HackND, in addition to SciFlow. “These are rather specialized programs, however. For example, knowledge of LaTeX and Markdown is required,” explains Mr. Brenn, who, as a member of the OpenScience team, was the coordinator for the introduction of a new text editor. Many university staff members and students do not possess such knowledge. Etherpad as an open-source solution was out of the question due to the lack of formatting options.

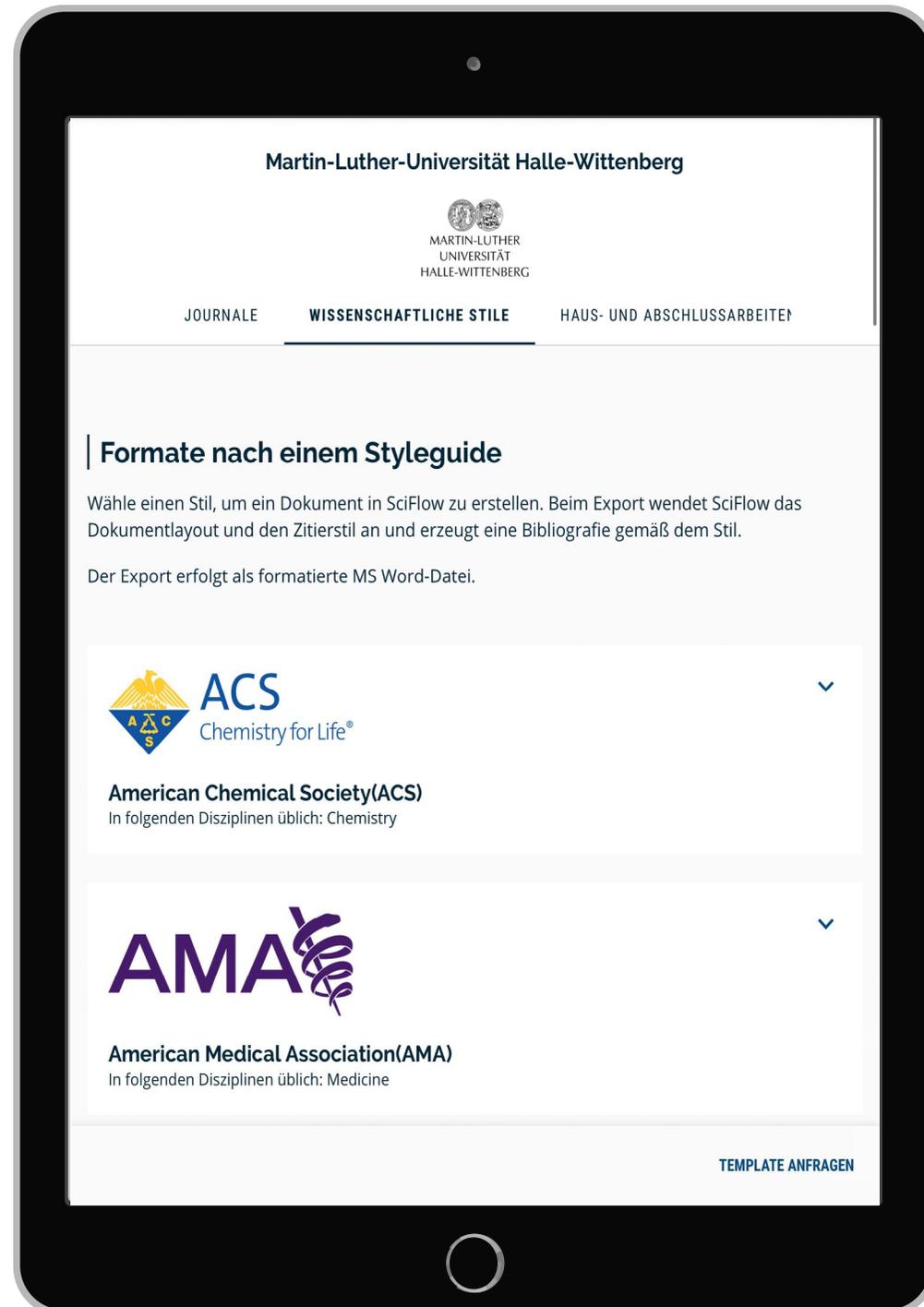
## Already active users

SciFlow and MLU first established contact in late 2017. At the time, there were already some initial users at the university writing their papers with SciFlow. The **existing users** and MLU employees met with SciFlow founders Frederik Eichler and Dr. Carsten Borchert to present the tool and discuss what a possible partnership might look like.



*There is no comparable provider when it comes to templates.*

**Daniel Brenn**  
Library /  
Open Science



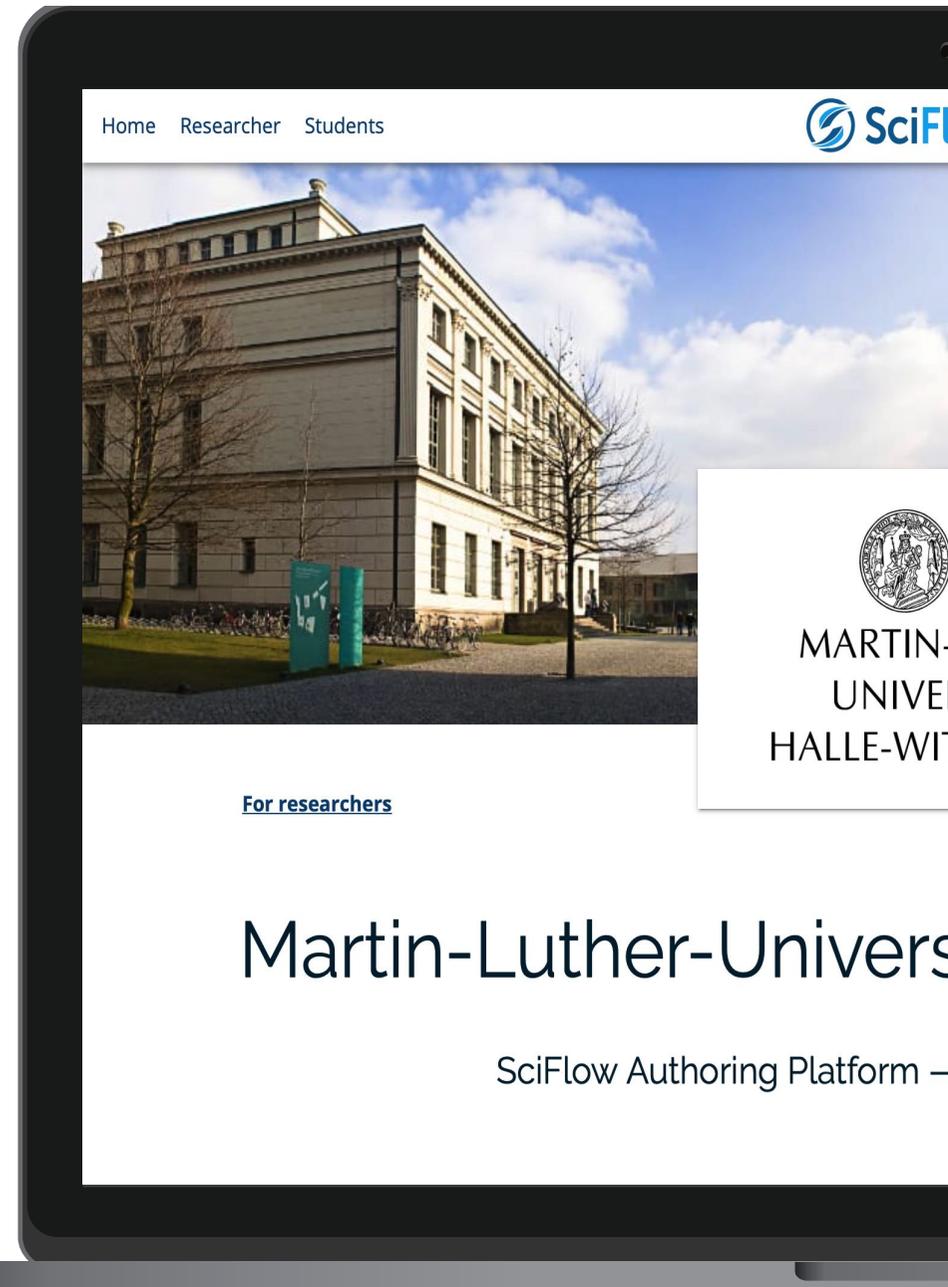
# Rollout at MLU

## Prioritization of new features

When the user agreement was concluded, MLU had a say in **features** that were particularly important for its operations. In addition to the existing range of functions, university officials decided to introduce file versioning, link storage, manual page breaks and the straightforward integration of Zotero.

Researchers can easily import their existing data sources from Zotero into SciFlow and, in the collaborative writing process with colleagues, create versions of the document at crucial points, which can be accessed later.

SciFlow provides quarterly usage statistics in which the development of the numbers can be followed. The exact requirements were discussed in advance. In early November 2018, the project commenced.





## Connecting the university and SciFlow

SciFlow created a customized access page for MLU where users can easily access the available templates. In addition, the page features notifications of upcoming educational events for students and researchers.



“From a technical point of view, all that was needed was to create a link to the access page on our website.”

**Daniel Brenn**

Posters and flyers were distributed in various departments throughout the university informing students and researchers alike that SciFlow was now available to them as a tool. Also, the faculties were made aware of the new offer by email and through advertising on the university website.





*Facing the digital transformation in libraries means starting to try out innovative, research-related services when a clear added value for researchers and students becomes apparent. Since SciFlow's rollout at MLU, we have had a good experience with the tool, which is constantly being improved and enjoying increasing use at our institution.*



**Anke Berghaus-Sprengel**

*Director of the University and State Library of Saxony-Anhalt  
First Deputy Chair of the Association of German Librarians*

# Use and development of the collaboration

## Training and support for active users

In the beginning, users had questions about how to use the tool. They could reach out to the easily accessible **support team** or attend **regular training sessions**.



“Support in particular is critical to our usage scenario, since possible problems involve critical documents. So far, the SciFlow team has provided quick and helpful solutions for all inquiries.”

**Daniel Brenn**

In addition to on-site workshops, **regular online webinars** provide an introduction to the many functions of SciFlow. Dr. Carsten Borchert considers webinars to be an important service, since a high double-digit percentage of the participants write their next scientific paper in SciFlow. An extensive **support forum** is also available for users working on their own.

## Initiative and individual adjustments

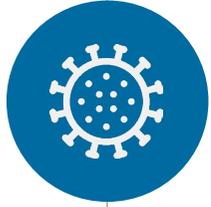
SciFlow has undergone continuous enhancement since the beginning of the campus agreement with MLU. **Close contact with many users** has enabled the SciFlow team to make constant improvements to the tool and roll out new functions. Mr. Brenn remarks that these improvements are being made, even if the university does not point them out. Furthermore, **MLU's requests** (manual page breaks, Zotero integration, versioning, hyperlinks) were implemented as agreed and have been available to all users since then.

## Services and adjustments

- ✓ Access page for the online library
- ✓ Creation of 15 department-specific templates
- ✓ Regular workshops and webinars
- ✓ Templates for journals
- ✓ Technical & professional support

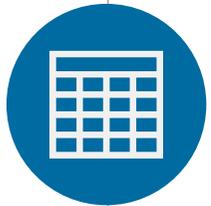
- ✓ Introduction of file versioning
- ✓ Creation of links
- ✓ Integration with Zotero

# Case study: 80 students collaborate in SciFlow



## COVID-19 calls for new ways of collaborating

Martin Siebach chose an unusual use case for SciFlow. For a course module in which three lecturers are involved, a new way of collaborating in a digital teaching environment had to be found in order to comply with the COVID-19 regulations. The students and lecturers had to be able to **view and comment on each other's ideas**. This kind of collaboration was possible with SciFlow.



## From secondary function to main player

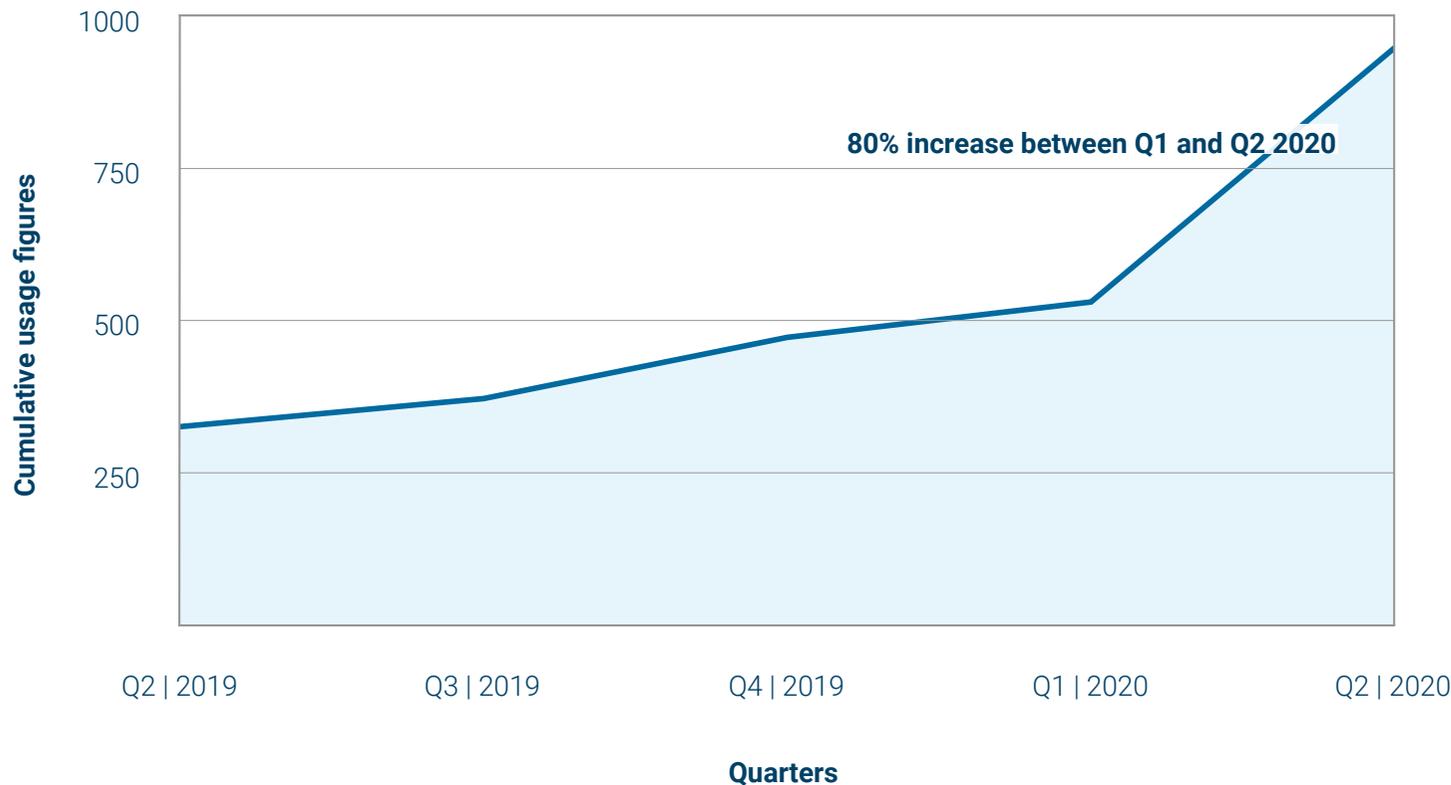
A table was created in which the more than **80 students working on the document** could exchange information with the help of comments and by writing within the table. One lesson for SciFlow: Deleted comments must still be visible in the version control, otherwise (accidentally) deleted comments cannot be restored.



## A tool for all cases – preferably for the core application

Mr. Siebach would **return to SciFlow** for more classical applications: “In smaller seminar groups, in which something is worked out together scientifically, SciFlow is simply the most suitable choice.” Nevertheless, the important takeaway still remains that, in times of crisis, a little creativity will help you find uses that no one had thought of before.

## 80% increase in usage during COVID-19 pandemic

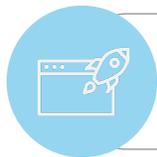


### Prepared for working from home

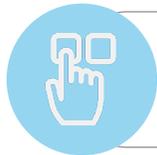
The number of users has increased continuously since the beginning of the partnership. At the beginning of the lockdown measures in March 2020, another advantage of the infrastructure became apparent: Due to contact restrictions, it was no longer possible to collaborate within the institutes, which is why many students and researchers made use of the possibility of collaborative writing in SciFlow.

# Simple steps to collaborative writing

## Before SciFlow

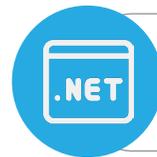


Kickoff



Selection of SciFlow

## Setup



Portal setup



Webinars



Journal templates



University templates

## Support



Professional



Technical

## Further development



Further technical development



Usage statistics



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