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# REPORT OF LIBRARIES GERMAN UNIVERSITY

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## Stuttgart and Ulm University



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## “ACKNOWLEDGMENTS “

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In particular, I would like to thank Mr. Essam Shaban the deputy director of library of German university (GUC) As mentor he has taught me more than I could ever give him credit for here. And Mrs. Hania Morsy, and Mr. Sabry Awad

Finally, it gives me immense pleasures to pay extreme respect, from the core of my heart, to the Stuttgart & Ulm University for their extended sponsorship for supporting this Vision-exchanging professional visit to German Libraries.

And I'm grateful to all of those with whom I have had the pleasure to training during this Professional Visit. And I'd like to extend my sincere gratitude to all librarians. Their willingness to share their experiences and insights has been invaluable to my Professional visit. Thank you for all your time and contribution.

really, Occurrence of this skillful visit which offered me an opportunity and shared our professional experience, Knowledge and future vision to the persons/people of the library profession in Germany.

## INTRODUCTION

Libraries are special places. Without them, we would have no concept of culture. They offer solutions to every question and information on every field of knowledge, and people of all ages can access them easily.

As library is considered to be the core heart of each institute/university/organization and the high standard library Defines and reflects the standard of the respective organizations. In the beginnings, the library used to be considered, as places to keep the business, legal, historical, and religious records of a civilization, but since the middle of the 20th century it has emerged as a far-reaching body of information resources and services that do not even require a building. Then the terms digital library and virtual library have begun to use for the vast collections of information to which people gain access over the Internet, cable television, or some other type of remote electronic connections. In addition, technology has the potential to offer even more opportunities – opportunities for more education, experience and skills, more communication and interaction.

As libraries have changed, so, too, has the role of the librarian. Increasingly librarians have assumed the role of educator to teach their users how to find information both in the library and over electronic networks. The role of the librarian is also changing globally with the current international trends, norms and value for satisfying the user's academic/research needs. The work of librarians has also moved outside the walls of the library. Librarians have begun to work in the information industry as salespeople, designers of new information systems, researchers, information analysts and much more.

# LIBRARY OF STUTTGART UNIVERSITY

The University of Stuttgart Library is part of the Information and Communication Center of the University of Stuttgart (IZUS). There are two large sites of the university library or [Universitätsbibliothek] (UB).

- **Hauptstelle Stadtmitte** (central library), Holzgartenstr. 16, main entrance Max-Kade-Weg, Tel. 0711 685- 82224 (Check-out desk), Tel. 0711 685- 82273 (Info)
- **Zweigstelle Vaihingen** (branch) , Pfaffenwaldring 55 Tel. 0711 685- 64096 (Check-out desk), Tel. 0711 685-64044 (Info)



And its 116 institute and faculty libraries, the University Library forms the library system of the University of Stuttgart.

the University Library ensures the best possible supply of literature and information for research, teaching and studies. Its declared goal is to help shape the transformation of an increasingly globalized and digitized information landscape for the benefit of its university and non-university users (persons, institutions and companies)

It mainly services research, teaching and learning at the Stuttgart University. As central technical library for the state of Württemberg it also is open for users from outside the university

- procures, indexes, and enables access to electronic and printed items and specialized information.
- provides a reliable access system to the catalog and circulation.
- indexes newly acquired items with regard to content according to uniform principles.
- provides substantial database and subject information services.
- promotes information literacy among users.
- conducts national and international project dealing with library information topics and innovations, such as research data management, open access, etc.

To borrow books, you need your student ID card. Also many departments, faculties and most institutes have their own libraries.

At the beginning of the winter semester you can sign up online for guided tours in English on the Vaihingen campus.

# LIBRARY SERVICES

## 1- Studying in the University Library

### ➤ Study rooms & Workspaces

At both the City Center and Vaihingen location we offer you workspaces for research at which you can search in library databases or use electronic media. For most offers you need your login data (University Library user code + password).



### ➤ Workspaces in the Reading Room Area

At both the City Center and Vaihingen location there are individual workspaces in the reading room area available that you can use.

**Please take note:** Most users want to use these workspaces to concentrate on their studies. Therefore, please respect this and maintain silence in the reading room. For group studies please use the workspaces in the entrance area or the Learning Center, additionally in Vaihingen also the Mathematics and Physics Libraries. Thank you very much.



## ➤ learning Center

A study environment with group study workspaces and presentation rooms.

The new, modernly equipped study environments at both the City Center and Vaihingen location allow team and project work in the reading room. You will find there

- work bays with acoustic and optical separation with integrated whiteboards for small groups.
- lounge furniture for relaxation.
- group study rooms for discussion and presentation of joint work; they may be used without a reservation and are equipped with whiteboards and (mobile) monitor.
- lockers for longer-term storage of study materials.



## ➤ Video Conference Room

The University Library has a video conference room at the Vaihingen location that university members may use by arrangement.

If you wish to use the room, you can reserve it through the Information Desk Vaihingen (Tel.: +49 711 685 64044) or the Digital Services Vaihingen (Tel.: +49 711 685 64801). In case you need technical support, you will also receive further information there .



## 2- Academic Publication Management PUMA

The University of Stuttgart Library offers the Academic Publication Management PUMA. PUMA is an open source web application based on BibSonomy and offers for example the following possibilities:

- User login/authentication account
- online reference management
- automatic import of bibliographic information (metadata) from different catalogs
- dynamic output of reference lists (e.g. own publication list, institute publication list) via plugin on the own website (OpenCms, WordPress, Typo3) or on other systems in different citation styles
- sharing the reference lists publicly or in groups
- uploading documents (pdf, doc, ppt, jpg, etc...)
- sending publication metadata to the University Bibliography
- export and import of data in different standard formats

The screenshot displays the PUMA web application interface. At the top left is the University of Stuttgart logo and name. A search bar at the top right contains the text 'engineering'. Below the search bar is a navigation menu with 'groups', 'persons', and 'University Bibliography'. The main content area shows a list of publications under the 'TAG / ENGINEERING' filter. Each publication entry includes a title, author information, a date, and a list of tags. For example, one entry is 'Second-generation implants for load introduction into t...' by B. Kromoser, O. Gericke, M. Hammerl, and W. Sobek, published in 'Materials, 12 (23): 3973 (2019)'. A right-hand sidebar contains a 'browse' section and a 'related tags' section with a list of tags such as 'itke', 'knippers', 'from:petraheim', 'architecture', 'design', 'structure', 'bridge', 'forschungsdaten', 'shell', 'analysis', '2009', 'structural', 'cfip', '2012', 'gabler', and 'hwash'.



Using PUMA, you can easily create collections of bookmark and publication posts. Just insert bookmarks and publications. You can do this even faster with our PUMA browser add-ons or bookmarklets.

PUMA helps you to manage literature, to create publication lists as well as to collect bookmarks. You do not need another account, just use your ac- or st-account of the University of Stuttgart.

PUMA helps you to organize your scientific work. Use PUMA to collect publications and bookmarks, to collaborate with your colleagues, and to discover interesting researches for your daily work. That's the easy way to manage scientific publications and bookmarks. Use tags to organize the posts in your collection. If you choose them carefully, tags are a very powerful instrument.

PUMA helps you create bibliographies for scientific papers. If you use a specific tag for each bibliography and assign it to all your paper posts accordingly, you can use the tag to find all papers of the bibliography. Afterwards, you can export your publication list in the desired format. PUMA supports a lot of formats, e. g. Microsoft Word Reference Manager, EndNote, and BibTeX.

The university bibliography, or unibibliography for short, offers the most complete overview possible of the publications published at the University of Stuttgart. Starting in 2015, all publications of all scientific members (according to § 9 LHG) of the University of Stuttgart that were written or published and made publicly and permanently available during their membership of the university are shown here.

You can find help directly on the PUMA site <https://puma.ub.uni-stuttgart.de/> or contact the PUMA team for assistance.

### **3- Interlibrary Loan**

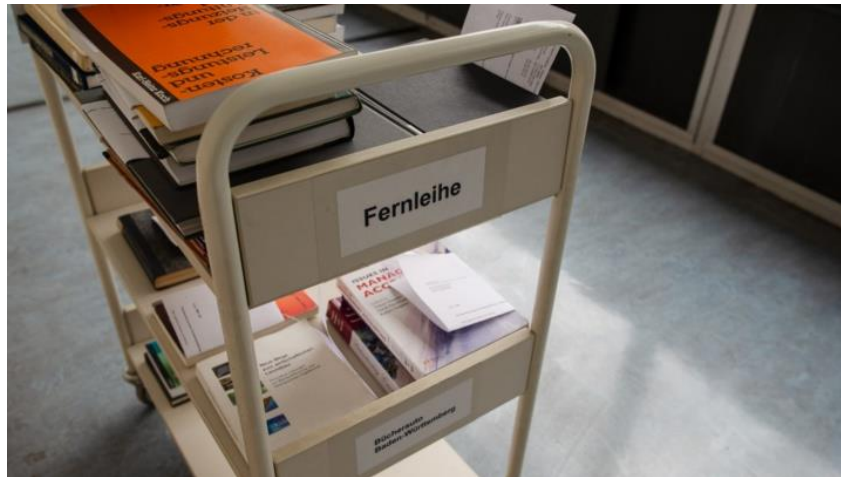
- You can order items and literature which are not in the University Library's holdings from other libraries via interlibrary loan. In order to place an interlibrary loan request, you will need a valid library card of the University Library. You can place interlibrary loan requests yourself via the Katalog plus.

- Please log in with your user ID and password. You will now be redirected to the interlibrary loan portal. Here you can decide if you would like to order the whole book for a loan or an article as a copy.

- After completing your request which is subject to a fee (Booking complete), you can exit the interlibrary loan portal. Open interlibrary loan orders are displayed in the user account.



- Interlibrary loan requests for books are usually completed within 1 to 2 weeks. They may take longer if the requested item is on loan at several libraries. In case of requests for articles, shorter delivery times of 1 to 5 days can often be achieved.



- If you have not found what you are looking for in the interlibrary loan portal, you can enter your order data. This will be offered to you at the end of a hit list. Please provide as much bibliographic Free Interlibrary Loan Form information as possible to ensure that your interlibrary loan request is processed quickly.

Please note that one interlibrary loan request is required per desired item. There will be a fee of €1.50 per interlibrary loan request which will be automatically booked to your user account. This fee includes the costs for obtaining and returning a book or the delivery of article copies. Interlibrary loan fees are no completion but processing fees and have to be paid always

There are a lot of items that not Available for Request Via Interlibrary Following items are generally excluded from interlibrary loan requests and delivery:

Books and journals that are in the University Library's holdings

Items that are available at bookstores at a low price (approx. €15 at the moment)

Complete journal volumes of recent date (article copies are possible)

Complete loose-leaf collections, patent specifications, DIN standards, TV recordings

Items that haven't been published yet and items which are still in the process of acquisition at libraries

E-books (partial copies are possible)

Copies from newspapers and popular magazines

- As soon as the interlibrary loan item has arrived at the University Library, you will be notified (via email or mail) and may collect the requested item at the circulation desk at the chosen pick-up location.

The loan period is set by the lending library, it is usually 1 month. During this time the items will be reserved for collection.

The data carrier coming with the item has to remain with the item until return, in case of loss a fee of €2.50 will be charged (Library fee regulation)

## 4- Online Publications of the University of Stuttgart (OPUS)

OPUS is the publication server of the University of Stuttgart, also called "institutional repository". All members of the University of Stuttgart can publish documents that are of lasting interest Publications with scientific content, such as journal articles (including preprints and postprints), conference papers, research reports, monographs, parts of monographs, etc. for research and teaching in the sense of Open Access here. The publication types range from dissertations and conference proceedings to articles from scientific journals.

Publications whose publication is required or recommended by examination regulations (dissertations and habilitation theses)

Qualification theses from students of the University of Stuttgart (bachelor's and master's theses) if the publication is recommended by the supervisor

In OPUS you can search or browse for full texts as well as upload your publications quickly and easily and thus make them freely available online on a long-term basis and worldwide.

publications on OPUS are equivalent to conventional publications and therefore also citable. For this reason, the possibility to change or delete documents is not provided. This guarantees the authenticity of the documents. If the author wishes to make a correction, the changed document has to be submitted again as a new version. This corresponds to the process of a new edition in printed publication

The screenshot shows the OPUS website interface. At the top, there is a navigation bar with 'Home', 'Browse', and 'Help' links, a search bar, and a 'Sign on to' button. Below the navigation bar, the University of Stuttgart logo and 'OPUS - Publication Server of the University of Stuttgart' text are visible, along with the 'open access' logo. A language selector shows 'Deutsch' and 'English'. A search bar contains the text 'Universität Stuttgart : [13843] Community home page'. Below this is a 'Browse' section with a table of filters: 'Issue Date' (with 'Institute' below it), 'Author', 'Title', and 'Series'. The 'Discover' section features three filter panels: 'Author' with a list of names and counts (Effenberger, Franz: 290; VöB, Althod: 241; Schwelzer, Dieter: 183; Remm, Ortwin: 163; Tiziani, Hans J.: 144), 'Publication Type' with a list of types and counts (Dissertation: 5093; Zeitschriftenartikel: 3468; Konferenzbeitrag: 977; Abschlussarbeit (Master): 314; Abschlussarbeit (Bachelor): 290), and 'Date issued' with a list of date ranges and counts (2000 - 2024: 4883; 1900 - 1999: 3887; 1665 - 1899: 2).

## 5- Open Access

Open Access is a part of Open Science. The digitized processes of scientific publishing allow publications to be made freely available on the Internet. Open Access means that access to electronic publications is sustainable and possible worldwide without paywalls or other legal barriers (in opposition to Closed Access). Free access to scientific literature does not mean that Open Access is for free. Costs just do not fall on the readers. Commercial publishers charge publication fees to the authors or the scientific institutions to which they belong. Alternatively, funding solutions are found through memberships and central agreements.



### ➤ Open Educational Resources

The university library offers advice on the topic of Open Educational Resources (OER). Educational resources are those media/materials/tools that are used to plan, implement and evaluate teaching and learning:

- Lecture videos, scripts
- Digital or printed textbooks
- Lectures, parts of lectures, presentations
- Course materials for learners and/or teachers
- Courses – packaged via an OER repository, or available “ready-to-use” in a [course portal](#) , with or without accompanying materials for teaching
- As a prepared [online course](#) (example) or as a lecture script
- Textbooks, videos, idea sketches, instructions, worksheets, graphics, photos, videos, simulations, project reports, [question pools](#) ...
- Tools

Open Educational Resources require rights to edit, change and publish without spatial and temporal restrictions. The OER gold standard is: CC0, CC-BY, CC-BY-SA. Creative Commons refer to copyright and make no statement about the rights of third parties (personal rights, GDPR).

For many people today, historical research data is “hidden” in archives, magazines or cupboards. With digitalization, we enable contemporary access to older books, magazines, photographs, drawings, files and objects.

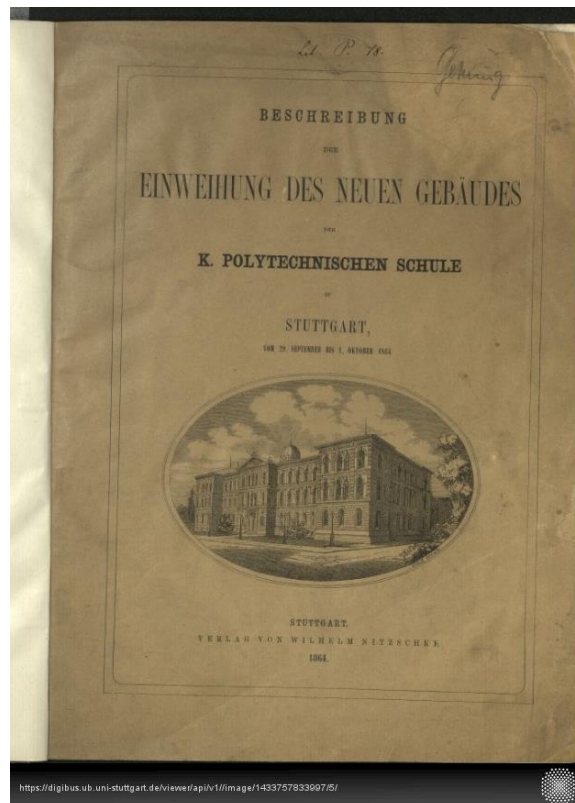
## ➤ Digital Collections

In the Digital Collections you will find historical materials from the holdings of the University Library as well as its cooperation partners (University Archives, institutes, private collections, etc.). We are gradually digitizing architectural drawings, photographs, old prints, journals, archival materials, and objects and making them available for free use under a persistent URL.

You can download texts and images in various formats (PDF, JPEG, IIIF, TEI, full text). To do so, use the „Cite and reuse “ menu item in the right sidebar. The resolution of the images when downloading is limited to 150dpi.

We offer interested institutes project-based collaboration in digitizing and indexing their collections. All digitized items are freely available and created according to standards required by third-party funding agencies for digitization projects.

Please note that we can only digitize historical materials in the public domain (author/copyright holder deceased more than 70 years ago).



Most of the digitized items are available under the following license:



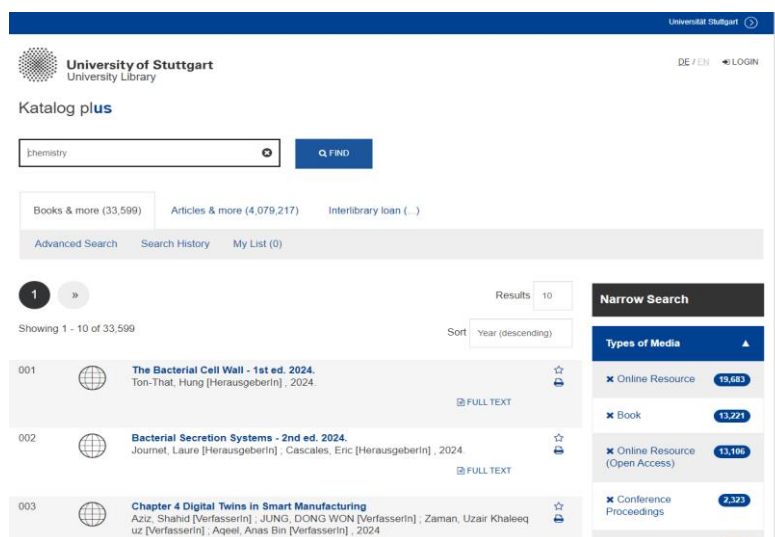
With the publication platform OPUS, the University of Stuttgart has an excellent option for Open Access publishing. The University of Stuttgart sees it as its mission to develop seminal innovations and to ensure the education of future generations. It stands by its commitment to make the knowledge and collective achievements of its scientists available to society.

## ➤ E-book Collection

The campus licenses for purchased e-books entitle students, institute members, and users registered with the University Library to access the full text online at any time. It is not permitted in general, however, to download books in their entirety, even if it is technically possible. As with printed books, the authors' copyright and the publishers' exploitation rights have to be observed when using the online resources.

- You may save and print individual pages or chapters for personal use as well as for research purposes. E-books must not be passed on to third parties electronically or in printed form.

All e-books are listed in the catalog of the University Library and the decentralized libraries. You can find there:



- purchased and licensed e-books
- publications of members of the University of Stuttgart which are published or made available on the publication server OPUS
- e-books within the scope of the national licenses
- selected license-free resources, i.e. publicly accessible and free of charge for everyone.

## 6- Circulation

- **Registration:**

In order to borrow books, you have to register, eligible for registration are the members of the Stuttgart University (Students, Staff) as well as other residents of Germany. A library card will be issued for free at the loan desks and in case of the loss of your library card you have to inform the loan desk in person or by phone to block the account and issue another library card but for 2.5 Euro.

- **Borrowing:**

most of the library holdings are available for borrowing depending on the location according to the shelf mark or you may ask your desired books from the stacks or another branch.

- **Your Account:**

All items you borrow are registered on your account, as well as requests and reservations you made, furthermore, fees and overdue fines are charged to it., you can access your account online to check what you have borrowed or to renew items or make reservation.

- **Returning items:**

- Returns can be made through the self-service return station at either branch, regardless of which branch they were borrowed from.
- Exception: Short-term loans must be returned to the respective branch where the items were borrowed, interlibrary loans and non-book materials must be returned at the circulation desk.
- Outside opening hours: Use the book drop-off at the entrance to the Vaihingen Branch

- **Renewal of the loan period:**

the loan period can be renewed 3 times for another month (not earlier than 10 days before the end of the loan period). Provided that the item has not been reserved by another user, the renewal can be done at the computer or in person or via fax.

- **Reservation:**

- Books which have been checked out may be reserved online free of charge
- If requested, the user will receive notification when the item is ready for pickup. This is free of charge if an email address has been entered in the library account, otherwise notification will be sent by mail (Postage must be paid by the user).

- **Reminders:**

for overdue items reminders are sent and fines are charged as follows:

- 1st reminder: 1.5 Euro, per item.
- 2nd reminder: additional 5.00 Euro per item.
- 3rd and following reminder: additional 10.00 Euro per item.

**Block account:** with a blocked account you can neither borrow any items nor renew the loan period of items you have already borrowed, also the online access to your account is restricted. Fines are to be paid at the circulation desk

## 7- Cataloging

Monographs and periodicals from the publishers' book trade. Books, magazines, non-music recordings, other OF media, microforms and electronic publications. The bibliographic information themselves are structured on the basis of Library of Congress Subject Categories. Titles have been described using the Resource Description and Access (RDA) framework since October 2015. These descriptions are based on the International Standard Bibliographic Description (ISBD). The numbers generated using Library of Congress Classification numbers appear in italics at the end of the bibliographic record

## 8- Research Data Management

Scientific research produces a wide variety of digital data. Technical management of the research data is required for the permanent and structured storage of primary research data. This is the only way data can be found again and used again. The university library is therefore part of FOKUS - the competence center for research data at the University of Stuttgart and operates the research data repository DaRUS together with the TIK .

DaRUS is based on the open source software DataVerse and offers university groups (institutes, working groups, SFBs, projects) the opportunity to maintain their own data universes with their own search criteria and description options. The data sets are described in a way that makes them easy to find and easy to share. The data sets do not have to be published, but can be made available to the public in an easily citable manner and with a DOI. This not only allows the requirements of funding agencies or journals to be met, but at the same time important research results within a research group can be made visible and





usable in the long term. In addition to the productive system , DemoDaRUS offers a test environment in which the functionalities of DaRUS can be tried out.

We are building an infrastructure for research data and research software at the University of Stuttgart and providing information about existing services at the university, the state, at national and European levels.

We also create shorter information events for individual questions in working groups, institutes, faculties or courses. We come to you and provide information according to your needs, for example about:

- Reusing and citing third-party data
- Requirements of research funders for research data management
- Description and management of research data
- Citable publication of research data
- Local data management
- Services related to research data management

# LIBRARY OF ULM UNIVERSITY

The University Library, a campus-wide network of libraries serving programs of learning and research in many disciplines. The Library is a worldwide leader in the dissemination of knowledge through our remarkable research collections, outstanding services, innovative technologies, and exceptional faculty and staff.

The Library Homepage is designed to provide a multitude of resources, both print-based and electronic, as well as to offer detailed information about our ongoing services. Feedback from our users always is appreciated. If you have questions, concerns, or suggestions, visit Ask a Librarian for a variety of options concerning how to reach us. Library faculty and staff are happy to help with your research needs. While



every effort is made to maintain complete, up-to-date, and accurate information, no assurances or representations regarding its accuracy are made. The University Library offers a range of instructional opportunities designed to help students and faculty maximize their effectiveness in accessing, evaluating, and using information critically for a specific purpose.

## LIBRARY SERVICES

### 1- Circulation

Lending information resources is a key library function. The Library primarily serves the University community, but we additionally offer our services to the wider academically interested public.

Materials from the general collection are arranged in systematic order according to subject fields and most are kept on open shelves in two library locations: the central library (BZ) and the departmental library Helmholtzstraße (HH). For standard loans, patrons can use the self-service machines available in each of our libraries. From the kiz's entire stock of journals and monographs, articles can be ordered either as paper copies in black and white (conventional document service) or as color scans (digital document service DDS).

- Online services and a book return box are available 24/7.

- Lending and return of materials (incl. reading room lending of mobile devices, e.g. tablets, beamers, etc.)
  - Ordering via the online catalog
  - Provision and distribution of reserved materials (local and interlibrary loans). For article orders rush orders (surcharge) possible. These are completed within 24 hours. Automatic notification by e-mail about the completion of the order.
  - Provision or dispatch of documents: Paper copies can be picked up at the circulation desks in the library headquarters or in Helmholtzstraße (selectable by the patron), or they can be sent by in-house mail or yellow mail (against postage reimbursement). Scans are created in PDF format and can be accessed or downloaded within the online catalog via "My Account".
  - Registration of external customers and activation of the library number of the student card or membership card of university members for library use
  - Control when entering the reading room (Beverages in open containers, food, etc.)
  - Collection of fees by chip card
  - Rental Allocation of working cabins and group working rooms Key management
  - Processing of inquiries, extensions of deadlines, etc. by e-mail (kix) and telephone, semester apparatuses, hand apparatuses, etc.
  - Organization of literature orders
  - Provision of semester apparatuses and books for handsets
  - Assistance with the operation of devices (surveillance scanner, microfilm scanner, photocopier, printer, self-service terminal)
  - Support of users in the use of the self-service terminal
  - Return box (outside opening hours)
- University members with a kiz account must present their University ID at a Circulation Desk in order to have their account activated. External users must apply for a kiz service card. The first step is to complete the Online-Registrierung provided through the Higher Education Services

Portal. Afterwards registration must be completed by presenting a personal identity card or passport at a Circulation Desk.

- There is a charge for the following services:

- Orders through our Photocopy and Digital Document Service
- Issue of a kiz service card
- Failure to return or renew material by the due date
- Replacement of damaged or lost material
- Postal delivery

- Please consult our Overview (opening hours of the service points) for the central library Circulation Desk and reading room opening hours.

## 2- Reading room & study environment

Reading room & study environment are a central service of the libraries. Library stocks are readily accessible in the reading rooms, in the stack of the Central Library (BZ) and in the library at Helmholtzstrasse (HH). Media of all kinds and on various areas of expertise are offered in open-stack format in two locations (BZ and HH).

A general stock of monographs and textbook collections are available in systematic arrangements (BZ), including several copies of all important textbooks for each subject at Ulm University.

Reading areas and work stations are available in the buildings in all openly accessible areas. They can be found in the reading rooms, the stack areas, as well as work cubicles and group work rooms. 'As place of study' the library also offers electronic work stations for collective and interactive studying in small groups. These facilities provide large monitors and numerous opportunities to connect mobile devices.



This service is available to eligible users without requiring a separate application. Work cubicles and group work rooms must be pre-booked for the desired time slots. This requires both kiz account and affiliation/membership with the University.

- reading room assistance (e.g. information desk, assistance with devices like photocopier, printer, scanner, microfiche scanner)
- Independent access to media in the open-stack stocks
- reading spaces and work stations (incl. power sockets and sometimes reading lamps)
- work cubicles (reservation necessary)
- Group work rooms with multimedia equipment (e.g. wall screens)
- research PCs (kiz account necessary)
- Microfiche readers and micro film scanner
- WLAN throughout the entire reading room (kiz account necessary)
- Designated laptop-free zone
- Earplug dispenser

### 3- Loan and Renewal

#### Loan policy:

The loan period for books and doctoral dissertations is one month. During this time, the item is on loan to you without any restrictions. Shortly before the due date, the Library will send you a courtesy e-mail reminder. Most library items are renewable (see below). The Library reserves the right, under justified circumstances, to recall renewed materials prior to the due date.



#### Requesting materials:

Once you have found the desired item (a book, journal, or audio-visual resource) in the Online Catalog, click on the "Request/Hold" or, if relevant, the "Copy of the Article" button. You may place items on hold if the following situations apply:

- An item is checked out or on reserve for another patron. Check the availability status by consulting the Online Catalog. Placing a request puts you on a waiting list for that item. The newly acquired item has the catalogue status "In Process" (received but not yet ready for circulation) or is on display in the new acquisitions shelf. Please note that reference copies cannot be placed on hold.
- The item is shelved elsewhere (in the departmental library Helmholtzstraße, closed stacks, or a University institute) and you wish to pick it up in the central library. Patrons of the departmental library Helmholtzstraße can also place items on hold for pick up in the departmental library.

- You may also request scanned (or paper) copies from collection items.

### **Renewals:**

Renew materials online by either self-renewal via the online catalogue or filling out the Renewal Request Form. Normally, a renewal is granted unless the book has a hold, you have reached the maximum amount of renewals allowed online (6), or unpaid fines or fees are on your account.

## **4- Library catalogue**


The library catalogue or OPAC (Open Public Access Catalogue) is the web front end of the library system aDIS/BMS for users of the kiz library services. The OPAC allows you to search for information media and offers a range of self-service functions. This includes, for example, account details, pre-orders, reservations, or inter-library loan.

All individuals who are eligible to use the kiz services receive such an account. Non-members of the University can get an account under the provision that University members are not negatively impacted.

- Accounts are created automatically for University members when they log into the library catalogue with their kiz account for the first time.
- External users can create an account via the Portal kiz Web Services by entering their surname, first name, address, date of birth, email address and password. After confirming their details via an email that gets sent to the provided email address, they are able log into the library catalogue. Underage users also need a written consent from their parents or legal representatives.

A mobile library catalogue is available for smartphones and tablets.

The kiz library catalogue has a local version (stocks of the kiz) and a global version (local stocks + external sources).



kiz | Homepage | Search: chemistry Login Language

Bibliothekskatalog::global

chemistry

Books & more (30,855) Articles & more (25,424,811)

Advanced Search Search History My List (0)

Your search terms: 'chemistry'

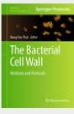


1 »

Showing 1 - 10 of 30,855

Results 10

Sort Year (descending)

Narrow Search	
Types of Media	
✕ Online Resource	23,551
✕ Online Resource (Open Access)	12,933
✕ Book	6,837
✕ Conference Proceedings	2,070
✕ Article	1,751
✕ Film / Video	1,542
more ...	
Years	

001		<b>The Bacterial Cell Wall - 1st ed. 2024.</b> Ton-That, Hung [HerausgeberIn] , 2024.	<input type="button" value="Volltext"/>	<input type="button" value="☆"/>	<input type="button" value="📄"/>
002		<b>Bacterial Secretion Systems - 2nd ed. 2024.</b> Journet, Laure [HerausgeberIn] ; Cascales, Eric [HerausgeberIn] , 2024.	<input type="button" value="Volltext"/>	<input type="button" value="☆"/>	<input type="button" value="📄"/>
003		<b>Chapter 4 Digital Twins in Smart Manufacturing</b> Aziz, Shahid [VerfasserIn] ; JUNG, DONG WON [VerfasserIn] ; Zaman, Uzair Khaleeq uz [VerfasserIn] ; Anand, Anand [VerfasserIn] , 2024.	<input type="button" value="Volltext"/>	<input type="button" value="☆"/>	<input type="button" value="📄"/>

- Through these services, the following can be provided

- literature search in the stock of the library (with various distinction modes).
- reservation of print and electronic media.
- extension of print and electronic media.
- ordering media through inter-library loan.
- view current course reserves (*Semesterapparate*).
- submit purchase requests.
- view lists of new acquisitions (arranged by subject area).
- access to personal account in the library system and account details.
- view and delete personal messages.

## 5- E-Media

Licensing of digital editions of scientific journals, e-books, and literature and fact databases (e-resources) for the University of Ulm. The selection of content is demand-oriented and, depending on the product, is coordinated with the users, the faculties or the university management and carried out on their behalf. The service ensures online access to licensed electronic information media via the platforms of the providers.



**E-Journals:** [Electronic Journals Library \(EZB\)](#)

**E-Books:** [Overview of offers](#)

**Databases:** [Overall offer \(DBIS\)](#)

[ReDI databases \(DBIS\)](#)

The service is available to members and institutions of the University of Ulm. The access to the e-journals in full text is restricted by licensing law to members of the University of Ulm or to all persons who are entitled to receive a kiz account.

Information and consulting services are provided differently for other user groups (other libraries, teaching hospitals, schools etc.).

## RECOMMENDATIONS

- All the memberships in the library is for free for the students or for the public users.
- All the Library of Stuttgart university staff using many systems in different technical processes, and that needs more concentration and need more staff members to do all the tasks.
- The university library offers advice on the topic of Open Educational Resources (Open Access). Open Access for all user to electronic publications is sustainable and possible worldwide without paywalls or other legal barriers.
- You can order items and literature which are not in the University Library's holdings from other libraries via interlibrary loan.