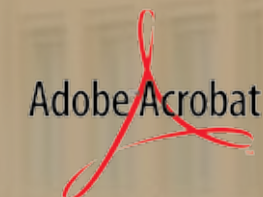




BME OMIKK GENERAL INFORMATION



SUPPORTED
PDF READER:



CONTACT INFORMATION IN PERSON:

Opening hours: Monday-Friday: 9:00 – 20:00.
Any changes are announced on the Library's homepage and on notices displayed in the Library.

Library building: 1111 Budapest, Budafoki út 4-6.
Library management: 1111 Budapest, Műgyetem
rkp. 3. K.l. 61.

HOW TO FIND US:

By tram: 18, 19, 41, 47, 49, 118
from the stop at Szent Gellért tér
By bus: 7,86,173,233 E
from the stop at Szent Gellért tér

BY POST:

1018 Budapest, Pf. 91.

BY PHONE:

463-1069, 463-3534, 463-3489 (Reference
and Information Service)
463-1790 (Circulation: loans, renewals,
reservations)
463-2441 (Management)
Fax: 463-2440 (Management)
E-mail: info@omikk.bme.hu

OUR PRICES



Contact information on the Library's different organisational units is available
in the [online telephone directory of the University](#), and on our homepage under the [menu](#) "About us"

The promotional material has been
funded by NKA (Nemzeti Kulturális
Alap - Basic National Cultural Fund).



**GENERAL INFORMATION**

BME OMIKK is a double-function library: it is both a university library and a specialised public library with national duties and services. Its double function originates from the integration of the two most important Hungarian technical libraries in 2001. Now the library holds a collection of over two million items suitable for meeting interests in technical, economic and natural sciences. Besides special literature, fiction and a collection of leisure books are also available for loan or for on-site reading. Our users have the choice of 6 nicely redecorated Reading Rooms with a total of 520 seats and a collection of nearly 100, 000 volumes on open shelves, all in a building situated in the heart of the University park.

CONTACT INFORMATION**REFERENCE AND INFORMATION SERVICE**

Library Building, groundfloor, Rooms 1 and 12,
Phone: 463-3534, 463-3489, 463-1069
[e-mail: refposta@omikk.bme.hu](mailto:refposta@omikk.bme.hu)

REGISTRATION, LOANS, RENEWALS

Library Hall, Phone: 463-1790, 463-1152
[e-mail: kolcsonzes@omikk.bme.hu](mailto:kolcsonzes@omikk.bme.hu)

INTER-LIBRARY LOAN

Library Building Rooms 3 and 4
*Opening hours: Monday – Thursday: 9:00 – 16:00,
Friday: 9:00 – 14:00*
National inter-library loan
Phone/Fax: 463-3649
[e-mail: kkol@omikk.bme.hu](mailto:kkol@omikk.bme.hu)
International book orders
Phone/Fax: 463-3794
[e-mail: nkol@omikk.bme.hu](mailto:nkol@omikk.bme.hu)
International photocopy supply
Phone: 463-3658
[e-mail: masolat@omikk.bme.hu](mailto:masolat@omikk.bme.hu)

ORGANISED EVENTS, EXHIBITIONS

Building K, Room 61, 1st floor, Phone: 463-4055
[e-mail: rendezveny@omikk.bme.hu](mailto:rendezveny@omikk.bme.hu)



REGISTRATION WITH THE LIBRARY

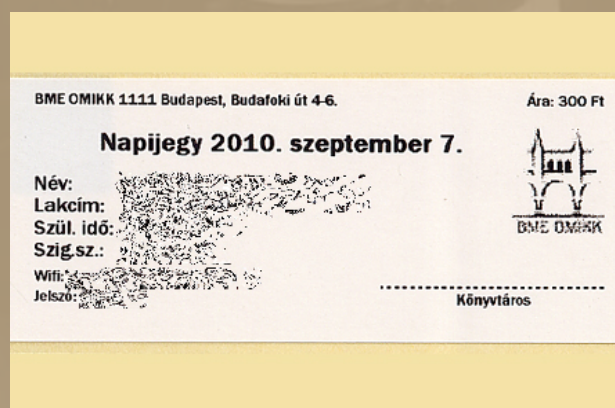
DOCUMENTS NEEDED FOR USING THE LIBRARY

DAY TICKET

Valid for a specific day and entitles the holder to use the basic services of the Library:

- access to the Reading Rooms, on-site reading
- information on the Library and its collection
- access to the Library's catalogues
- printing and photocopying
- access to NAVA points (computer terminals providing access to the National Audiovisual Archive of Hungary)
- WIFI
- access to the internet in the hall of the Library after 17:00. Students can also have access to the internet in the HSZK (the Hungarian acronym of the Students' Computer Centre), outside the Library, during opening hours

PRICE: 300 HUF/DAY



READER'S CARD

The owner of the Reader's Card is entitled to all the Library's services:

- borrowing
- making renewals and reservations
- access to the Reading Rooms, on-site reading
- reference and information service
- access to library catalogues
- printing and photocopying
- access to NAVA points (computer terminals providing access to the National Audiovisual Archive of Hungary)
- WIFI
- reading and downloading electronic journals and E-books
- inter-library loan
- access to computers (for office use and scanning)
- access to the internet in the hall of the Library after 17:00. Students can also have access to the internet in the HSZK (the Hungarian acronym of the Students' Computer Centre), outside the Library, during opening hours

PRICE: DIFFERS DEPENDING ON THE STATUS OF THE OWNER



ANNUAL VISITOR'S CARD

A version of the Day Ticket with its validity extending to the end of the year, and entitling its owner to the same services as the Day Ticket:

- access to the Reading Rooms, on-site reading
- information on the Library and its collection
- access to the library's catalogues
- printing and photocopying
- access to the NAVA point (computer terminals providing access to the National Audiovisual Archive of Hungary)
- WIFI
- access to the internet in the hall of the Library after 17:00. Students can also have access to the internet in the HSZK (the Hungarian acronym of the Students' Computer Centre), outside the Library, during opening hours

PRICE: 2,000 HUF UNTIL 31ST DECEMBER AND 1,000 HUF AFTER 1ST JUNE





DOCUMENTS NEEDED FOR USING THE LIBRARY

★ Registration for foreigners

🕒 The charge for an annual Reader's Card is 5,000 Ft.

🕒 Foreigners with personal incomes can be registered on the presentation of their job certificates and in the presence of a Hungarian citizen with permanent address who accepts the role of guarantor and, by signing a Declaration of Guarantee, assumes the responsibility of paying cash in the name of the registered foreigner whenever it is necessary. The text of the Declaration of Guarantee is available and downloadable from the "Forms" (Űrlapok) menu of the Library's homepage.

🕒 Registration fee for six months: 700 Ft.

🕒 BUTE full-time students are registered on the presentation of their residence permits, student certificates, Student Cards and Neptun codes.

🕒 Their registration fee for six months is 700 Ft.

🕒 PhD students of BUTE are required to present their valid Student Cards or student certificates, letters of guarantee and Neptun code.



SERVING THE READERS

TRADITIONAL LIBRARY SERVICES

Registration, Borrowing

Renewal and reservation

Urgent cataloguing, readers' proposals

Reference and information service

Inter-library loan service

Department Library Network

User training

Publications database, PhD works

ELECTRONIC SERVICES

E-books, e-journals, databases

Further services

TRADITIONAL LIBRARY SERVICES

Registration

Registration must be done in person in the hall of the Library in the opening hours. Identity and address cards are required. Discounts are only available with the presentation of the required certifying data or documents (e.g. valid Student Card, pensioner's national insurance number).

Borrowing

The loan period for most items is 2 or 4 weeks. Journals, dissertations and items published before 1945 are only available for on-site reading, not for loan.

Renewal and reservation

Items on loan with no reservations on them can be renewed before the date for return five times altogether. Items on loan can be solicited by other users by making reservations on them. Reservations are fee-based and have to be paid when the reserved item is collected. Renewals and reservations can be made through OPAC with the identifying number of the Reader's Card or with the help of the Library staff.

Reservations are charged an extra fee if the reserved item is not collected or the reservation has not been cancelled before the delivery of the notice on the return of the requested item.

Urgent cataloguing, readers' proposals

Urgent cataloguing is an opportunity we offer our readers on request to make our newly acquired items available earlier than the end of the usual cataloguing process. Readers' proposals concerning our acquisitions are also welcome. Acquisition requests are possibly fulfilled after careful consideration of cost and the current content of our collection. Readers are informed about the result. Forms to be filled in for urgent cataloguing requests can be downloaded and printed from the Forms menu of the Library's homepage.

Reference and information service

Our staff members in Room 1, on the groundfloor, provide assistance to those interested in the use of electronic resources and databases. Questions on the Library's services and requests for bibliographic information are best answered by the staff members in Room 12, next to the Main Reading Room. Our colleagues in the Natural Science Research Room can provide assistance with the open-shelf collection and searches for the computerised literature available in the Reading Room.

Inter-library loan service

Within its national inter-library loan service, BME OMIKK provides material from its own collection (and also

from the collection of department libraries) either for loan or in photocopied form to other Hungarian libraries and institutes. This service enables our registered users to have access to Hungarian country library collections or to library collections in Budapest which are not available for loan.

Within its international inter-library loan service, BME OMIKK provides material unavailable in Hungary from abroad (books, research reports, conference proceedings, dissertations).

Within our international photocopy supply service, we provide our users with photocopies of articles published in periodicals not available in Hungary, irrespective of whether the user is an individual, a library or any other institute in Hungary. Photocopies are delivered in print or in electronic form, according to the request.

Department Library Network

The Department Library Network consists of 62 smaller libraries belonging to different departments of our University. These libraries, specialising in various professional areas, hold a collection of nearly 340, 000 items. Our staff members in charge of the Network can provide up-to-date information on this collection.

User training

We receive small and large groups with equal pleasure, and depending on their request, we organise guided tours

of the Library's public areas, and/or provide them with training in the Library's services. We also receive firstyear students at specified times daily, each school year in September, giving tours and presentations of the Library, as we do on other special occasions and events.

Publications database

We provide the teachers of our University with the possibility of keeping evidence of their publications in a database by registering their publication's data in it. These data enable the survey and tracking of citations in a standard form. The database is linked to the Database of the Members of the Hungarian Academy of Sciences.

PhD works

We register the data of open dissertation defences linked to our University, and provide access to dissertations, observing copyright law.

ELECTRONIC SERVICES

E-books, e-journals

Nearly 2, 700 professional e-journals are accessible in our library and through the Department Library Network. Registered users can have access to them free of charge, but printing articles is fee-based for everybody. From our homepage our users can also have access to the publications of VTT Technical Research Centre of Finland in

electronic or PDF format. The publications are accessible in research subject groups. We require our users that they should strictly comply with our licence conditions.

Databases

Our library provides access to 96 external and 6 homebuilt databases in various professional areas.

Further services

We also provide access to the Digital Academic Textbooks Collection of the Kempelen Farkas Student Information and Resource Centre, and to the databases accessible through EISZ's (Electronic Information Services) platform. We are also a NAVA point, providing access to the National Audiovisual Archive of Hungary from two computer terminals. We also provide direct access to the databases of MOKKA and MATARKA, having so far contributed to the latter with the contents of 75, mainly technical journals from our holdings.

Our library supports the application of free softwares by providing links and access to them from our homepage.

Owing to the fact that BME OMIKK was formed by the integration of two other libraries, it now has duties inherited from both its predecessor libraries. Some examples worth mentioning are our translation, bibliographic and subject information services, which used to be parts of the information services of OMIKK

(National Information Centre and Library). Our Library places special emphasis on collecting material on the history of Hungarian science and technology and on the popularisation of Hungarian and foreign technical and scientific results. Our [Archive of the History of Science and Technology](#) serves to make prominent scientists and inventors known not only to a small circle of professionals but also to the general public.

Our Library continues the publication of [Scientific and Technical Information](#) (in its Hungarian acronym TMT), a journal publishing recent results in library and information science for decades, formerly produced by OMIKK. We are also continuing the development of the [National Research Registration System](#), a database on Hungarian research projects, researchers and research centres, initially built by the same predecessor institution.

BME OMIKK also organises training courses enabling qualification as a library assistant.

The [Archive of the University](#) is also maintained by the Library. More information on the Archive's collection, research conditions, and the related services are available on the Library's homepage.



- ▶ A website of the electronic version of the journal "Nature"
- ▶ A website of SwetsWise's electronic services
- ▶ The website of SpringerLink

- ▶ The website of TMT (Tudományos és Műszaki Tájékoztatás - Scientific and Technical Information)

OUR CATALOGUES AND HOW TO USE THEM

OUR CATALOGUES AND HOW TO USE THEM

HOW AN ITEM FROM THE „REMOTE STACKS” CAN BE REQUESTED

USEFUL INFORMATION

The Common Hungarian National Catalogue (MOKKA)
The National Periodical Database (NPA)

OUR CATALOGUES AND HOW TO USE THEM

The electronic catalogue of BME OMIKK (OPAC) contains the records of the Library's items published after 1986. It also contains the holdings of the Department Library Network.

Information about the Library's periodicals published after 1990 can be retrieved from our computer-based catalogue named Register. To use our catalogues it is important to know that only 65% of our collection can be searched electronically. The rest is available in our traditional card catalogues, which vary according to the authority data of their entries, and prove to be indispensable in a number of cases. Approximately 40% of the "old" material (items published before 1986) has been entered onto the computer system.

Clicking on the "Központi Könyvtár" heading in a record in our electronic catalogue, users will see the place of the respective item in the Library and will know:

- whether it can directly be taken from an open shelf in a Reading Room and should be borrowed from the staff there
- or it has to be requested from the staff at the counters of the Circulation Department in the hall, and it will be delivered from the stacks by the staff on duty there,
- or it is stored in our "remote stacks", where we keep our older items because of lack of room. In this case the item can be requested free of charge either in person in Room 12, on the groundfloor, or by phone, calling number 463-3534. The requested item(s) can be collected after 15:00 the day after the request.

HOW AN ITEM FROM THE "REMOTE STACKS" CAN BE REQUESTED

► If an item in our catalogue is shown to be in our "remote stacks" in Törökbálint, it can be requested by downloading an electronic form of request from a computer assigned for this purpose in Reference Room 12 on the groundfloor. The Information Service staff will help with the completion of the request forms. Users can, of course, opt for registering their requests for items in the "remote stacks" by calling the telephone numbers 463-3534 or 463-3489.

► There are three different kinds of request forms users have to choose from in order to fill in the right one: request forms for books, journals or other items.

► The forms contain fields for compulsory and recommended completion, the compulsory ones being marked with *.

► When the field for the call number of an item is completed, and the respective item has already been requested by another user, the program supporting the electronic request sends a message. This enables the staff member in service to check whether the number of requests for an item has exceeded the number of copies still available in the "remote stacks". The program can thus prevent situations in which the number of applicants for an item is higher than the number of copies.

► The completed form must be printed. The user has to preserve it as a document required for the collection of an item.

[000460400] RaktJel: 141.562
Angol - magyar szótár kezdő és haladó nyelvtanulóknak / Mozsárné Magay Eszter. - Szeged : Grimm, 2004. - 424 p. 19 cm

Ha előjegyzést kíván tenni, kattintson az előjegyzés gombra.

Válasszon évet Válasszon kötetet Válasszon alkötetet

Leírás	Példánystatus	Lejárati dátuma	Lejárati órája	Alkötvetár	Gyűjtemény	Elhelyezés	Oldalak	Kérések sz.	Vonalkód	OPAC megj.
141.562	1 hónap	hozzáférhető		Központi könyvtár	Tankönyv	Egyéb szótár				
141.562	1 hónap	hozzáférhető		Központi könyvtár	Tankönyv	Egyéb szótár				
141.562	1 hónap	20100930	20:00	Központi könyvtár	Raktár-Tankönyv	Egyéb szótár				
	1 hónap	hozzáférhető		Központi könyvtár	Raktár-Tankönyv					
	1 hónap	20100930	20:00	Központi könyvtár	Raktár-Tankönyv					

Call number, which must be written on the call slip if an item can be found in the stacks

The item can be borrowed from the respective Reading Room

Loan period

Is it available?

Where is it available?

KÉRŐLAP KÖLCSÖNZÉSHEZ - CALL SLIP
Egy kérlőlapra csak egy mű kérhető!
With call slip only one book can be asked for!

AZ OLVASÓ NEVE / NAME OF THE READER:
LUGOSSY JENŐ

A KÖNYV RAKTÁRI JELZETE: CALL NUMBER OF BOOK:
141.562

SZERZŐ/AUTHOR:
Mozsárné Magay Eszter

CÍM/TITLE:
Angol-magyar szótár kezdő...

KÉRJÜK A KÉRŐLAPOT OLVASHATÓAN KITÖLTENI!

► The structure of a catalogue record and how to complete a call slip properly.

Attention/Important!

The "Information desk" menu on the Library's homepage provides further assistance by clicking on the tab "Practical information". The answers to the most frequently asked questions can be found here.

Könyv kérő távoli raktárból

Dátum: 2010. 09. 01.

A könyv adatai

*Raktári jelzet:
Szerző:
Cím:
Kiadás éve:

Az olvasó adatai

*Név:
*Elérhetőség:
Azonosító:

A *gal jelölt célk kötelező kitöltése!!!

Folyóirat kérő távoli raktárból

Dátum: 2010. 09. 01.

A folyóirat adatai

*Raktári jelzet:
*Folyóirat címe:
Cikk címe:
Cikk szerzője:
*Év:
Kötet jelölés:
Füzetek száma:
Oldalszám:

*Milyen formában kéri?

Az olvasó adatai

*Név:
*Elérhetőség:
Azonosító:

A *gal jelölt célk kötelező kitöltése!!!

Egyéb dokumentum kérő távoli raktárból

Dátum: 2010. 09. 01.

A dokumentum adatai

*Raktári jelzet:
Szerző:
Cím:
Kiadás éve:
*A dokumentum típusa:

Az olvasó adatai

*Név:
*Elérhetőség:
Azonosító:

A *gal jelölt célk kötelező kitöltése!!!

► Online request forms for items in the "remote stacks".

USEFUL INFORMATION

Online catalogues have been in use for having insight into the holdings of Hungarian and foreign libraries for some time. An online catalogue usually contains the records of a particular library, e.g. the Catalogue of the Metropolitan Ervin Szabo Library, but national libraries produce "common" catalogues, too. In Hungary, the National Széchényi Library has taken on the task of creating a common Hungarian library catalogue, a task which demanded serious technical development. The work resulted in two databases, MOKKA and NPA, the first providing access to books, and the second to periodicals available in Hungarian libraries. Let's have a closer look at them.

The Common Hungarian National Catalogue (MOKKA) database

As libraries in general, we have a well-defined acquisition and collection development policy, however, we often experience that the variety of university courses and personal interests creates demands for books which do not conform to our profile of a special library, so, they are unavailable from us. Such books are e.g. fiction books in foreign languages, medical or agricultural publications, laws and regulations, language books, maps or pieces of music. The libraries where such books are available can be found by MOKKA. The database can be searched and browsed by clicking on the "Databases" menu on its homepage. The

libraries where an item is available are listed at the end of the item's standard bibliographic description. Now the database provides access to the records of over 25 libraries in Hungary.

The National Periodical Database (NPA)

The primary goal of NPA's creators was to set up a database of foreign periodicals available in Hungarian libraries.

Since 2005, the database has also included the records of Hungarian periodicals. Access to the database is available through the following route:

Start with the homepage of the National Széchényi Library and click on the Online Services menu. Then click on the NPA tab under the Catalog menu and choose the "Nemzeti Periodika Adatbázis – Amicus" option. The bibliographic description of a record includes cataloguing elements on both formal and content levels. Besides the current title, the record of a periodical contains its former title(s), ISSN number, subject headings and the codes of Hungarian libraries where the periodical is available. BME OMIKK is, for example, coded with B11.

Nearly all public libraries in Hungary report their annual updates to the administrators of the database, so the data on foreign periodicals in NPA are fairly reliable.

► The website of MOKKA



OUR READING ROOMS

PERIODICAL READING ROOM (PERO)

MAIN READING ROOM (NOLV)

**TECHNOLOGY AND NATURAL SCIENCE
READING ROOM (MSZO)**

SOCIAL SCIENCE READING ROOM (GTO)

NATURAL SCIENCE RESEARCH ROOM (TTOA)

TEXTBOOK READING ROOM (TKO)

OUR READING ROOMS

The open shelf system of our Reading Rooms holds the newest and most important items of our collection of over two million items. The majority of our collection can be found in the stacks, which have been expanded by a large underground section of rolling shelves.

The Reading Rooms can be used by all registered users holding a valid Reader's or Visitor's Card. Users are allowed to take their own material, books and laptops into the Reading Rooms, but they are not allowed to connect their laptops directly to the computer network of the Library. HERE you can read about how you can access the wireless network.

The [Periodical Reading Room](#) (in its Hungarian abbreviation PERO) houses the current year's issues of

over one thousand technical journals, daily and weekly papers, official gazettes, and periodicals of general interest. The periodicals are displayed on open shelving in subject order, and in title order within the subject groups. Fee-based photocopying is available in the Reading Room.

The [Main Reading Room](#) (in its Hungarian abbreviation NOLV) is our oldest and largest Reading Room. It houses 200 seats and an open-shelf collection of reference books in an area of 400 m². Items held in the stacks which are not available for loan can be consulted here after completing and returning a request form to the Reading Room attendant.

Requests must be submitted before 19:15.





The [Technology and Natural Science Reading Room](#) (in its Hungarian acronym MSZO) can be accessed from the Main Reading Room. It houses the most important, and most frequently used, literature on technical and natural sciences. Technical and scientific literature is arranged in subject order, the subject groups being further arranged in rising call number order. There is also a collection of books for leisure. The fiction section is arranged in alphabetical order by author's name. The Reading Room holds the series of NATO Advanced Science Institutes and a special collection of OECD publications. Items in the Reading Room which are available for loan can be borrowed from the staff in attendance. There is access to four computer workstations. The underground location of this Reading



Room, and the relatively small number of seats, make it most suitable for browsing, sorting out and collecting the needed information and books.

The [Social Science Reading Room](#) (its Hungarian acronym being GTO) was installed following the integration of the Library's two predecessor institutions. The Reading Room accommodates 22 seats and 8 computer workstations. Its open shelves contain works on economics and social sciences in general, library copies of social science textbooks – only available for on-site reading, not for loan - and the current year issues of 92 social science journals. In addition to its collection supporting education, the Reading Room also houses publications on the European Union, a special collection of reference books and the special

collection of the former Information Society Library (in its Hungarian acronym ITSZ), a department library specialised in information science and society, having been integrated into our Library.

The [Natural Science Research Room](#) (marked with TTOA) is for users interested mainly in chemistry and chemical engineering. Having been designed mainly for research work, it houses 26 seats and an open-shelf collection with reference books, encyclopedias, dictionaries and abstracts from works on natural sciences, mainly in chemistry and chemical engineering. The books are arranged in subject order and are available for on-site reading only. The Reading Room provides access to a range of electronic journals and a number of databases fitting its profile. Free downloading and fee-based printing are also available.

Our [Textbook Reading Room](#) houses our holdings of textbooks available for loan. It has been established to provide our own students with a quick service, but students from other institutions are also keen visitors of the Reading Room. The length of the open shelves holding the textbooks amounts to 270 linear metres. The textbooks are arranged according to faculties, and in subject order within faculties. Subject groups are further arranged in alphabetical order by title. The textbooks selected for loan can be borrowed in the hall of the Reading Room.

Digitisation in the Library

Digitisation in the Library started with a series of documents on the history of Hungarian engineering and on the lives and works of our University's prominent professors. The first items we have digitised are two journals from our retrospective collection, which faithfully report on the development of Hungarian engineering and the Hungarian capital. We have digitised the 1867-1944 issues of the Official Gazette of the Association of Hungarian Engineers and Architects, which are thus now available in PDF format. The other journal is Hungarian Architectural Art. The designs and pictures in the digitised issues of the periodical give account of the development of Hungarian architecture from 1903 to 1930. In addition to periodicals, we have also digitised a number of books on the history of Hungarian engineering. Some of the most exciting are the handwritten autobiography of Samu Pecz, and the works of Alajos Hauszmann and Kornél Zelovich, professors of the Budapest University of Technology. These documents give a picture of the development of the University, and provide insight into technical higher education in contemporary Hungary. They show the long and hard journey from the foundation of Institutum Geometricum to the acknowledgement of the full rights of the Hungarian Royal Joseph Technical University, the predecessor of Budapest University of Technology and Economics.

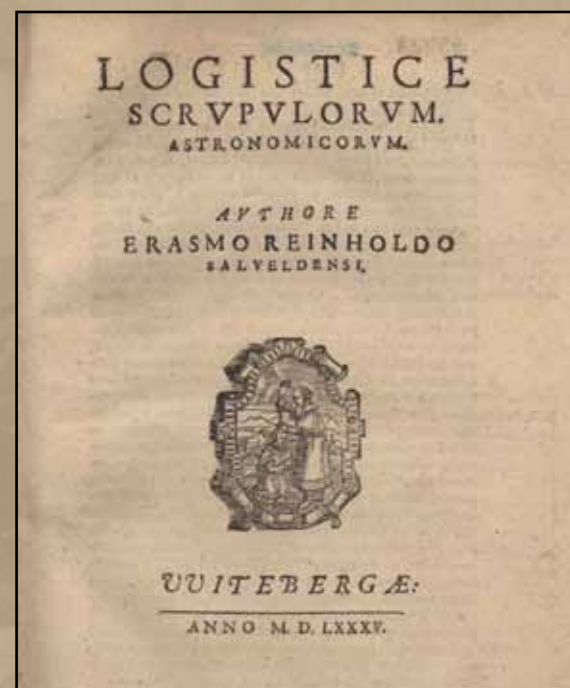
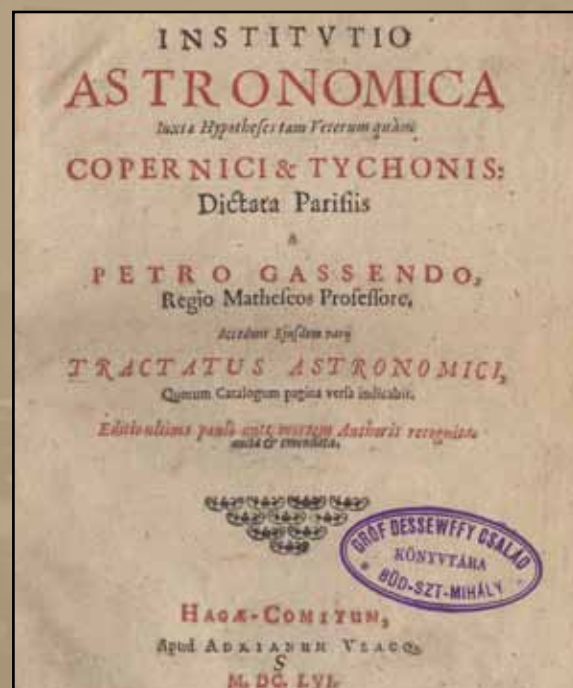
Another piece of work we have digitised is the last of the works of Károly Heberger, twentieth-century researcher of the University and its Library. He collected and published

the most important events in the life of the University in eight volumes, the last of which has been digitised as it contains pictures. Some other digitised documents available in our Library are also important for the history of science: our special collection of the documentary legacy of Donát Bánki, and the Archives of the History of Science, which we have already mentioned.

Our special collection on the history of Hungarian engineering includes some other relevant resources for the exploration of our past, for example the series entitled Publications on the History of Technical Sciences, which was initially published by the University, and has been published by the Library since 1953. We have started the digitisation of the first 27 issues of the series, which were published before 1982. After a long break, the series appeared in a new, electronic form in 2007. The last two volumes published since then are available from the Library's homepage in electronic form.

We are also partners in the ENRICH project of the European Union. We have joined the project to make our Old Books Collection, and its contribution to the world's cultural heritage, known to a wider audience. The goal of the consortium running the project was to create a unified common database of the world's cultural heritage available in European national libraries. The database has been designed to include 85% of the digitised manuscripts, incunabula, and rare old books held by European national





libraries. The consortium was coordinated by the National Library of the Czech Republic and intends to provide direct access to about five million digital pages.

We have been involved in the creation of the Hungarian Digital Image Library, a project started in 2009, for a similar reason. Our contribution to this database numbers nearly 2000 images.

Digitisation in our Library, however, does not only mean the digitisation of the most valuable old items of our collection. We also make our current publications

available in electronic form. TMT (the acronym for Tudományos Műszaki Tájékoztatás – Scientific Technical Information), a periodical published by the Library since 1954, has been available in full-text electronic version since 1996, while the earlier digitised records of the periodical contain their bibliographic data. Periodica Politechnica is a technical journal published by our University in English since 1991. It has been edited by the Library, and has been published in electronic form since 2006. The journal has seven series – Chemical

Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, Transportation Engineering, Architecture and Social and Management Sciences - each publishing 2-4 issues a year. Two of the series have also been indexed by Scopus and SCl since 2008.

We have also started the digitisation of certain issues of the Yearbook of Budapest University of Technology and Economics, which was first published in 1872, and was edited by the Library between 2003 and 2006.

Library Events

LIBRARY EVENTS

Our regular programmes

LIBRARY NEWSLETTER

LIBRARY EVENTS

BME OMIKK has been organising various professional programmes and exhibitions since the integration of its two predecessor institutions. On these occasions the Library provides insight into the past and present of the Library and University, and pays tribute to prominent works and personalities in technical and natural sciences by presenting their lives and works. We organise around 4-6 exhibitions a year and make some of their digitised material available on our homepage.

Our regular programmes

Spring Internet Fiesta, Professional Day

Summer Night of Museums

Autumn Library Tours for First Year Students,
Researchers' Night, Cultural Heritage Days
Sunday of Books and Forgiveness Day

Winter Advent in the Library

Further information on the exact dates and topics of the events are available on the Library's homepage

LIBRARY NEWSLETTER

Our Library has been publishing an online Newsletter since April 2005. The monthly issues of the Newsletter provide up-to-date information on the Library's services,

our acquisitions and different circulation matters. It also informs the public about our future programmes. Users can sign up to the Newsletter on the Library's homepage, where our News Archive is also available.



PHOTO: SZILÁRD KENESE

From our history

AN INGENUOUS DESIGN

THE UNIVERSITY, BUDAPEST'S DEVELOPMENT AND THE LIBRARY

THE GARDEN

OUR PREDECESSORS

AN INGENUOUS DESIGN

The neo-gothic building of the Library was constructed according to the ingenious design of Samu Pecz, professor of the Faculty of Architecture of the Budapest University of Technology. The design shows evidence of high architectural virtuosity. Before this work, Samu Petz had already studied architectural solutions to buildings of archives in several European countries, as he had received a commission for the design of the National Archives of Hungary. During his study trip he discovered similarities between the storing and handling of library and archive collections, and he made use of this experience in the design of our Library's building. The building reminds us of a church, as the architect wanted to express the idea that the library is the temple of culture. The design is structured as a church with a nave and two aisles, function being its overall feature. The closed stacks with fire-safe doors can be found behind the counters of the Circulation Department, opposite the main entrance of the Library. The design of the stacks with six floors shows the architect's expertise and awareness of the need for long-term storage, for finding the best solutions for heating, lighting and airing, and the minimisation of incidental fire losses. The design is the purposeful combination of the use of reinforced concrete, the novelty of the age, with architectural traditions. The design of the stacks includes ingenious solutions to storage problems, which inevitably arise from library collections growing over time. The building, inaugurated in



PHOTO: THE BRIDGE OF SIGHS IN THE 1930S

1909, provided enough room for storage for 50 years. Samu Petz, however, had foresight for a more distant future. He designed the stacks so that it could be completed with five



more floors. However, when the extension of the stacks became necessary in the 1960s, town authorities rejected Petz's idea with the justification that it did not fit the accepted town development standards of the time. The extension of the stacks was thus postponed until 1995, when an underground stacks section was built.

The left wing of the functionally very well designed building houses the Library's offices, which used to belong to the management, but which are now staffrooms. Here the staff, away from the public, can do their work in peaceful conditions. The only Reading Room which can be found here is the Periodical Reading Room. Originally it was designed and used as a Reading Room for teachers.

The right wing of the building, situated on the right of the lobby, houses the Main Reading Room. This Reading Room has a basic area of 400 m², 230 seats, and a vaulted ceiling with a span of 16.5 m. The Main Reading Room is the largest room with a vaulted ceiling in Europe which is not a church, as even Room Wladislaw in Prague has a span of only 16m. Samu Pecz applied the Medieval vault system for the Main Reading Room because this use of glass and brick provided the room with a suitable amount of natural light. The vaults and walls are made of brick, which reduced the construction costs by 2/3 in comparison with reinforced concrete applied for the same purpose. The large glass surfaces of the many windows also make the structure of the Reading Room look fragile, a reason



why at the time of the Library's building, the leaders of the construction refrained from taking responsibility for the stability of the building. Samu Petz assumed therefore all responsibilities himself, and the building has been functioning perfectly ever since.

THE UNIVERSITY, BUDAPEST'S DEVELOPMENT AND THE LIBRARY

There is an indisputable relationship between the development of Budapest and the formation of Budapest's present cityscape, and the history of

Hungarian higher education in technology. The first university-level institute of technology in the world, Institutum Geometricum, opened in 1872 within the University of Buda, direct predecessor of the present Budapest University of Technology and Economics. The main reason for the foundation of this institute was the development of traffic and transport in Hungary, including river control. By the end of the first third of the nineteenth century, there had also been a significant increase in the political and economic influence of the two towns, Pest and Buda, on opposite banks of the Danube, necessitating the construction of bridges over the Danube.

By the middle of the 19th century, Budapest was developing intensively, and this required a range of professionals, although there was a severe shortage. In 1846, an industrial technical school was established under the name Joseph School of Industry, which four years later was integrated with Institutum Geometricum. From then on the emphasis on practical training grew to match theoretical education. The first generation of the teachers of the Technical University were graduates of Joseph School of Industry, for example Paul Vásárhelyi, the engineer who controlled the Lower Danube and the Tisza, and Frank Reitter, who designed the first Hungarian railway, Budapest's docks, Grand Boulevard, and Andrásy Avenue.

The generations of engineers growing up by the second

half of the 19th century thus had the opportunity to become active participants in the building of a rapidly growing city. The favourable education policy, the comprehensive national collaboration, and the generous civil donations of the time provided a background which enabled the birth and application of new ideas, materials and technologies. First-hand accounts of technical innovations and problems of river control affecting the country's economy were given by excellent contemporary engineers in the Official Gazette of the Association of Hungarian Engineers and Architects. The metadata added to these digitised articles provide opportunity for searching with keywords, which further allows the search for, and insight into, the works of excellent masters of architecture and engineering. Architectural designs were submitted to tender, and the successful ones were selected after careful consideration of their meeting the strict conditions of a uniform town planning concept. The journal Hungarian Architectural Art provides insight into this system of tendering architectural designs, the composition of the juries, and the designs and maquettes submitted to tender. The pictures published in the journal testify the remarkable development certain parts of the city went through. They show for example the enormous change in the image of the present Deák Square and its surroundings, which used to be a dusty market place. Considering also the fact that there scarcely used to be



PHOTO: SZILÁRD KENESE, THE GARDEN



PHOTO: THE FRESCO SECCO ONCE DECORATING THE MAIN READING ROOM (DESTROYED IN THE SECOND WORLD WAR)

a place in the city where people could go for a walk with pleasure, we can perhaps appreciate today's image of the city in a different way.

Making an inventory of Budapest's buildings designed by the professors of the Budapest University of Technology, we can observe that the building complex housing today's Faculty of Arts of ELTE (Eötvös Loránd University) in Múzeum körút was originally built for the Budapest University of Technology, and praises the designs and talent of Imre Steindl and Samu Petz, both professors of the University's Faculty of Architecture. Pecz Samu's autobiography reveals a lot of detail of the construction of his designs, for example that the well-known building of ELTE's Faculty of Arts called Gólyavár was originally designed to be temporary, or problems experienced during the reconstruction of the Market Hall in Fővám Square. Hauszmann's book reports on why the University had to move location so many times and how the construction of the university campus, in a huge area on the bank of the Danube, developed and was completed in four years.

With the digitisation of these and other documents in our collection, as well as the organisation of exhibitions and other events, our Library aims to make known to a wider audience not only the history, but also the spirit of the Budapest University of Technology and its outstanding professional staff and personalities.



PHOTO: SZILÁRD KENESE, THE GARDEN

THE GARDEN

The one hundred-year-old campus of the University is interesting not only for its buildings. The management of the University deemed the formation of the whole University environment indispensable for the education of engineering students, especially for those studying civil engineering. This view is reflected in the architecture of the University's Central Building designed by Alajos Hauszmann and in the design of the Library building dreamt about by Samu Petz. Both designs strongly relied on the co-operation of contemporary artists. In the design of the campus, planning the external environment also received special emphasis. Ármin Pecz, a Hungarian botanist, was commissioned to design a garden whose tree nursery in Kerepes provided the whole capital with healthy young trees. When Ármin Pecz received this commission, he had already been acknowledged not only as a reputed gardener but also as a landscape architect. In the formation of the green areas flanking the arched walks intersecting each other in this secessionist courtyard, practical views were also clearly followed. Master Pecz aimed to create a decorative, but easily sustainable, garden with plants needing little care, and where university members could have a good time between the lessons. Since the last century the well-tended garden has provided an opportunity for a number of artists to increase the fame of the University with busts

commemorating the most outstanding professors of the University. A copy of Jenő Bory's statue „The Wounded Hero” pays tribute to heroes fallen in the First World War, the original statue having been moulded into a statue of Stalin after the Second World War. The statue in the garden, reproduced after the plaster moulding of the original, is the result of a joint cooperation among our University's members to have the original replaced. A monument commemorating the Hungarian revolution in 1956 can be found fronting the Danube on margin of the garden next to the river, so it can be best viewed from the alley leading outside the garden on the riverside. A column erected in the honour of the Orchestra of the Budapest University of Technology can be found in the heart of the garden, where a small enclosed area also accommodates sculptures of such prominent twentieth century scientists as János Neumann, Dénes Gábor, Jenő Wiegner and Tódor Kármán.

OUR PREDECESSORS

The foundation of the Central Library of the Budapest University of Technology and Economics can be attributed to Joseph Eötvös, Minister of Culture and Education of the time, who on 9th May 1848 donated a work in five volumes to the Joseph School of Technology, the predecessor institution of our University. Up to the 1930s, this collection has been the only technical and

scientific library in our country. The Library and the University moved house several times, but in 1882, the Library received a professionally installed room on the ground floor of the main building of today's Eötvös Loránd University in Múzeum körút. The University rapidly outgrew its buildings, so a new area was bought for building a University campus in Lágymányos. A separate building was constructed to serve as a library, following the designs of professor Samu Petz. The neogothic building resembling a church, was inaugurated in 1909 and has been functioning as a library ever since.

In the beginning, the Library was only available for the teachers of the University, but in 1869 it also became accessible to students and in 1884, to the public. The first classification system of the Library was created by professor Vince Wartha, director of the Library, who also published the first printed catalogue of the Library in 1874. A card catalogue had been started in 1937, and was completed by the mid 1950s. This catalogue also contained the cards of the department collections.

The legal predecessor of the National Technical Information Centre and Library was the library of the Museum of Technology and Industry, which opened on 24th July 1883, as the initiative of Ágoston Trefort, the Minister of Religion and Education. Besides the acquisition of a collection, the basic goal of the museum was the maintenance of a technical library with a

collection of Hungarian and foreign works on industry and technology. In 1889, the museum moved into the same building as the State Middle School of Industry, and the library of the latter institution was incorporated into the library of the Museum of Technology and Industry. In 1921, the Museum of Technology and Industry and the Institute for Industrial Experiments and Material Testing were united under the name Hungarian Royal Institute for Technology and Material Testing. The library of the new

institute was named Library of Technology. In 1949, the Library of Technology was formally joined with the recently established Technical Documentation Centre. In 1952, the name of the library was changed to the National Library of Technology, while in 1982, the name of the institution became National Technical Information Centre and Library (its Hungarian acronym being OMIKK). In an Act of 1997, OMIKK was registered as a national technical library.



PHOTO: VIEW OF THE TECHNICAL UNIVERSITY WITH GELLÉRT HOTEL IN THE FOREGROUND IN THE 1930S

Library Fees and Charges

Card charges *

Library cards	Card charge	Registration
Day Ticket	-	300 HUF
Annual Visitor's Card (valid until 31 December)	-	2,000 HUF
Reader's Card for six months	-	3,300 HUF
BUTE teachers, researchers, members on scientific scholarships	300 HUF	free
Rest of BUTE staff	300 HUF	free
Hungarian full-time or doctoral BUTE students (valid until 31 October)	-	1,400 HUF
Foreign full-time BUTE students (valid until the expiration of their Students' Cards)	-	700 HUF
Part-time, correspondence, fee-paying, engineering specializing or postgraduate BUTE students	-	2,500 HUF
BUTE pensioners	300 HUF	free
People with personal incomes	-	5,000 HUF
Students from other universities, colleges and school students under 16	-	2,500 HUF
Legal entities (max 4 people)	-	18,000 HUF
Unemployed library users	-	1,000 HUF
Pensioners (under 70)	-	600 HUF
Pensioners (over 70)	300 HUF	free
Readers with certificates for disabled people	300 HUF	free
Teachers and people working with public collections (in libraries, museums, archives)	300 HUF	free

*All charges are inclusive of 20% VAT.

Other fees and charges*

	Fee
Replacement of lost library card	1,000 HUF
Individual library card	300 HUF
Fine rate for an overdue item(item/day)	35 HUF
Reservation of an item (payment is due on loan)	150 HUF
Reservation of an item without collecting it or without cancelling the reservation before the deadline (8 working days)	200 HUF
Loss of cloakroom numbers, delivery of articles left in the cloakroom (Library Building)	1,500 HUF
Loss of locker keys, delivery of articles left in lockers(Textbook Reading Room)	1,500 HUF
Requests for urgent cataloguing	120 HUF
Photocopying (Periodical Reading Room)	25 Ft/A4 50 Ft/A3
Scanning (Reference Room 1, ground floor)	Free for registered users
Printing (Reference Room 1, ground floor)	30 HUF

*All charges are inclusive of 20% VAT.

IMPRINT

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