

Lib4RI – UPDATE #09 English FEBRUARY 2015



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After the course is before the course OUR TRAINING PROGRAM

«This was definitely the most helpful tutorial I have ever attended. Thank you!!!»

In 2013, the library Lib4RI offered an introductory course «Searching & Managing Scientific Information» for PhD students for the first time. The positive feedback encouraged us to update and extend the course to three half-day modules in 2014. Out of the nearly 200 participants who attended one of the course modules in 2014, 94% rated the course to be excellent or good (*see graph below*).

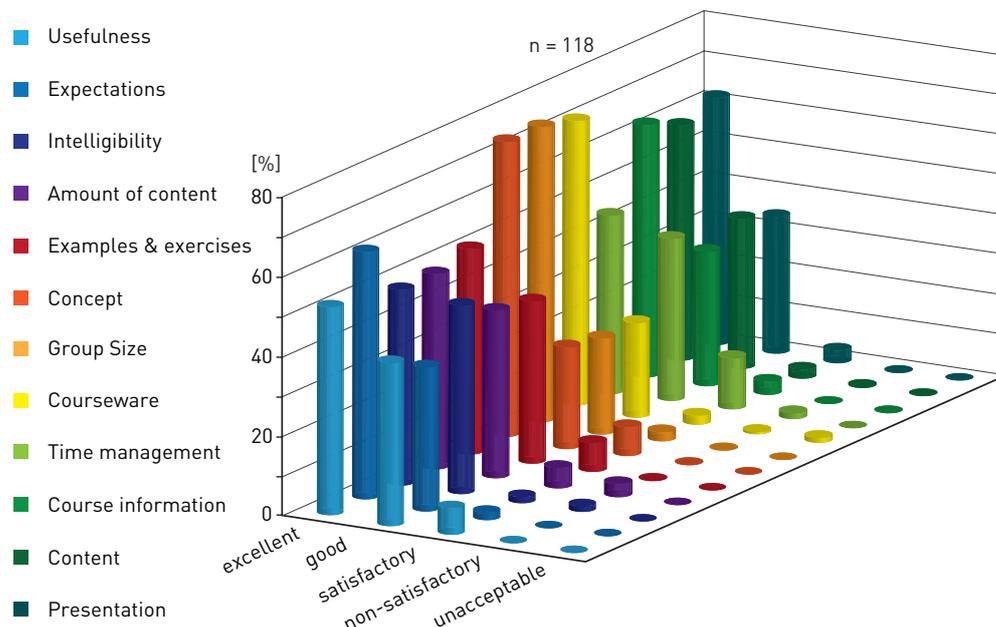
What does the course offer?

In module 1 «**Searching for Scientific Information**» the participants are introduced to the wide spectrum of resources the Lib4RI offers and learn how to make the best use of them. A session on systematic literature research is also included.

Module 2 «**The Publication Process**» provides the participants with an overview of the publication market and process; included is Open Access, which is becoming increasingly important. Further topics are researcher identities, the visibility of researchers and the most important scientific metrics. Last but not least, the module covers the basics of copyright issues in scientific research.

In Module 3 «**Literature Management**» the participants get a detailed introduction into scientific literature management. In addition to Endnote training, we also offer a course for LaTeX users with Zotero and JabRef in 2015.

Figure 1: Degree of satisfaction of the participants with individual aspects of the courses in fall 2014.



The organization of the course series in half-day modules allows the participants to systematically extend their knowledge. Besides theory, practical training is an important part of the courses. In spring the courses take place at the main sites of Eawag, Empa, PSI and WSL; in fall, they will also be offered at the smaller sites. All courses are in English and open to all PhD students and interested members of staff.

Registration opens in February

The **next series of courses takes place in March**. Detailed information can be found on our website: <http://www.lib4ri.ch/services/trainings.html>. //sh/ln/

New Resources 2014

DATABASES, E-BOOKS & E-JOURNALS

New databases & reference works

We have significantly expanded our collection of electronic resources for 2015. Additionally, we have arranged test trials with several publishers to introduce some promising products. New on offer from 2015 on are the following products:

Multidisciplinary

- One-year trial access to the **Begell House Digital Library**. The digital library contains e-books and databases. The databases focus primarily on physics and engineering.
- We have newly acquired **four reference works from Elsevier**: *Encyclopedia of Fish Physiology*, *Comprehensive Hard Materials*, *Comprehensive Materials Processing* and *Encyclopedia of Atmospheric Sciences (2. edition)*.

In the PDF version text in italics refers to additional information on the internet. Available at www.lib4ri.ch > News > Lib4RI-Update.

Engineering

- The *standards of the American Society of Civil Engineers* (ASCE) are offered in a yearlong trial.
- The database *Stahlwissen NaviMat X* (in German) from Dr. Sommer Werkstofftechnik complements the database *Stahlschlüssel* with information on the thermal treatment of steels (please contact eresources@lib4ri.ch for access information).
- The *Digital Library of the Society of Automotive Engineers* (SAE) was licensed for 2015. It contains about 200'000 technical documents (standards, technical papers and others) which are available from 1998 on.

Environmental Sciences

- Our test trial access to *CAB abstracts* was extended for another year. The literature database has about 7.3 million entrances from the field of applied life sciences (topics: agronomy, environmental sciences, applied economics).
- *Trinkwasser aktuell* is a database dealing with legal and technical issues on the protection and production of drinking water (Erich Schmidt Verlag, in German).

Science Evaluation Tools

Three new databases from Thomson Reuters are available via the *Web of Science* platform:

- *InCites*: a tool for citation-based research evaluation; includes the number of expected citations at the level of subject area and journal title in a particular year. If you do not have a Thomson Reuters user account yet, you will need to create one in order to use InCites.
- *InCites Journal Citation Reports* (JCR): Journal Impact Factors and other journal metrics for about 11'500 journals. This new version of the JCR lets you conduct analysis and comparisons of citation relationships across journals and categories over time. The *old version of the JCR* is still available.
- *Essential Science Indicators*: Ranks authors, institutions, countries and journals across 22 broad disciplines using citation data.

Users are advised not to rely too heavily on the reports of these databases without fully understanding the meaning of the measures and of the datasets provided.

New e-books Multidisciplinary

- We have licensed the English *Springer* book archive titles for the subject areas *chemistry & material science, earth & environmental sciences, engineering and physics & astronomy* (approx. 17'000 books). A test trial with access to the Springer e-book packages *mathematics & statistics, computer science, «Technik & Informatik»* and *«Naturwissenschaften»* (in German) has been set up. The years covered are 2010-2015 (about 10'000 books).
- We have acquired about 100 e-books from *JSTOR* from the subject area science and mathematics.
- The e-book-collections of the publishing houses *de Gruyter, Elsevier, IOP, IWA Publishing, Knovel, OECD, Springer* and *Wiley* were complemented with the new releases for 2015.
- Additionally, we have arranged test trials with access to the e-book collections of *ASCE, ACSESS* and *Begell House* (Engineering Research collection).

New e-journals
Multidisciplinary

- A one-year test trial with access to all *Begell House journals* has been set up. Besides *engineering*, the main subject area is *biomedical research*.
- *Bentham Science* publishes mainly journals from the research areas *medicine*, *engineering* and *chemistry*. We have arranged a test trial with access to all journals.
- A one-year test trial with access to all journals from the *Independent Scholarly Publishers Group* (ISPG) has been available since September last year. The journals mainly focus on life science & medicine.
- We have newly licensed *Nature Protocols* and the archive of *Nature Chemistry*.
- Our *Oxford University Press* (OUP) collection has been expanded by 47 journals. From 2015 on, you will find the FEMS (*Federation of the European Microbiological Societies*) journals at OUP.
- We offer a one-year test trial with access to all *World Scientific journals* in 2015. The main subject areas of the journals are computer science, engineering and physics.
- The archives (<1996) of *640 Springer journals* are now accessible to our users at all four research institutes.
- Because of the massive price increase we have cancelled our subscription to Science Express from AAAS. *Science* is still fully available (see *Lib4RI news*).

Environmental Sciences

- The *ACSESS Digital Library* contains the 14 journals of the American Society of Agronomy, the Crop Science Society of America and the Soil Science Society of America as well as the *proceedings* of the ACSESS conferences. We are offering a one-year test trial with access to the complete digital library.

Physics

- Our users have once again full access to all *American Physical Society* (APS) journals. This is a very positive development considering the *issues we had with APS* in 2014.

Engineering

- Additional to the journals of the *American Society of Civil Engineers* (ASCE), we have also licensed the ASCE *proceedings* for 2015.
- We have newly acquired the *journal archives* (1960-1999) from the *American Society of Mechanical Engineers* (ASME).
- The journal package *WISO Fachzeitschriften Technik* from the publishing house GBI-Genios has been licensed (78 journals, partly in German).
- Since this year our users have had access to the following *IEEE journals* from 2005 on: *IEEE Transactions on Applied Superconductivity*, *IEEE Transactions on Nuclear Science*, *IEEE Transactions on Magnetics*, *IEEE Journal of Photovoltaics*, *IEEE Transactions on Geoscience and Remote Sensing*. The license for the IEEE Journals Library Plus was *not extended due to its very bad cost-benefit ratio*.

Should you encounter access problems or have questions concerning our electronic resources, please do not hesitate to contact us at eresources@lib4ri.ch. What do you think about the new products and trials? We highly value your feedback. [//rr/mv/ln/](#)