

6 Work on Your Own Project

You work on your own literature project receiving individual assistance.

- Develop your search strategy and set up your systematic topic search with bibliographic databases such as Scopus & Web of Science
- Critically evaluate your search results
- Tweak your reference management & citation tools (particularly EndNote)

Participants: max. 20 (please bring your laptop)

Trainers: Stephanie Hofmann, Bobby Neuhold

Sessions: **Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24,**
Thu, 01.06.2023, 09:00 – 12:00
PSI Villigen,
PSI Education Centre, OSGA/OG09,
Mon, 22.05.2023, 09:00 – 12:00

7 Research Data Management – The Basics

You learn to identify the relevant strategies and tools to implement research data management in your research practices.

- Life cycle of research data
- Adequate metadata documentation for your code and data
- Storing and publishing data
- Writing Data Management Plans (DMP) and using OpenBIS (ELN)

Participants: max. 20 (please bring your laptop)

Trainers: Federico Cantini, Fabian Felder (Lib4RI), experts from Eawag, Empa, PSI & WSL

Sessions: **Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24,**
Thu, 11.05.2023, 09:00 – 12:00
PSI Villigen,
PSI Education Centre, OSGA/OG09,
Thu, 04.05.2023, 09:00 – 12:00
WSL Birmensdorf, Flurysaal,
Thu, 25.05.2023, 09:00 – 12:00

Registration:

Each venue is open to all members of the four research institutes Eawag, Empa, PSI and WSL. Please register online at www.lib4ri.ch/trainings (closes a couple of days prior to each event).

Course Notes:

Presentation slides and supplementary material will be available for download from our trainings website at www.lib4ri.ch/trainings a couple of days prior to the sessions.

ECTS Credit points:

On request, students attending at least 4 modules will receive a recommendation for 1 ECTS credit point.

Training on demand:

- We are happy to visit your group or department to discuss individual topics
- Customised training sessions at all locations of the federal research institutes can be arranged
- Contact us for your training on demand

As a scientific library, we provide all affiliates of the four research institutes with literature and technical information, both electronic and printed, for research, teaching and consulting.

Contact:

Lib4RI, Überlandstrasse 133, CH-8600 Dübendorf | +41 58 765 57 00 | info@lib4ri.ch | www.lib4ri.ch

Lib4RI – Library for the Research Institutes within the ETH Domain: Eawag, Empa, PSI & WSL

Searching & Managing Scientific Information

Training series

Spring 2023

Modules:

- 1 Searching Scientific Information
- 2 Scientific Publishing – From Writing to Sharing
- 3 Open Access & Copyright
- 4 Literature Management with EndNote
- 5 Getting Started with LaTeX
- 5⁺ Scientific Illustrations & Vector Graphics within LaTeX
- 6 Work on Your Own Project
- 7 Research Data Management – The Basics

Course sites:

Eawag: Dübendorf
Empa: Dübendorf
PSI: Villigen
WSL: Birmensdorf

Online registration:

www.lib4ri.ch/trainings

1 Searching Scientific Information

You become skilled in finding relevant scientific information using suitable tools offered by Lib4RI.

- How to use Lib4RI's resources for quick information retrieval
- Formulating systematic search queries including Boolean operators, wildcards and truncations
- Examples/exercises from the swisscovery library catalogue, Scopus and Web of Science

Participants: max. 20 (please bring your laptop)

Trainers: Stephanie Hofmann, Bobby Neuhold

Sessions: **Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24,**
Thu, 30.03.2023, 09:00 – 12:00

PSI Villigen, PSI Education Centre, OSGA/OG08,
Mon, 27.03.2023, 09:00 – 12:00

WSL Birmensdorf, EP-D1,
Thu, 23.03.2023, 09:00 – 12:00

2 Scientific Publishing – From Writing to Sharing

You will be guided through the scientific publication process from start to finish.

- Steps prior to writing a paper
- Grammar and writing style
- Tips on the publication process
- Author identification, impact and visibility

Participants: max. 20 (please bring your laptop)

Trainers: Nina Helg-Kurmann, Laura Konstantaki

Sessions: **Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24,**
Thu, 27.04.2023, 09:00 – 12:00

PSI Villigen, PSI Education Centre, OSGA/OG08,
Thu, 13.04.2023, 09:00 – 12:00

WSL Birmensdorf, Flurysaal,
Wed, 05.04.2023, 09:00 – 12:00

3 Open Access & Copyright

You gain knowledge on the principles of Open Access (OA) publishing and learn how to deal with copyright questions related to scientific works.

- Apply OA to your publications and gain more impact for your research
- Funding opportunities for OA publications
- How to make your publications OA in the repository DORA
- Principles of copyright and their applications in science
- Creative Commons (CC) licences and how to use them
- Copyright transfer agreements and author rights

Participants: max. 20 (please bring your laptop)

Trainers: Jochen Bihn, Lothar Nunnenmacher

Sessions: **Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24,**
Thu, 27.04.2023, 13:00 – 16:00

PSI Villigen, PSI Education Centre, OSGA/OG08,
Thu, 13.04.2023, 13:00 – 16:00

WSL Birmensdorf, Flurysaal,
Wed, 05.04.2023, 13:00 – 16:00

4 Literature Management with Endnote

You get introduced to scientific literature management with EndNote.

- How to import and organise literature information including fulltext PDFs
- Citing references and creating bibliographies in your scientific document using EndNote's MS Word plugin Cite-While-You-Write
- How to modify/create output styles using Endnote's style editor

Participants: max. 20 (please bring your laptop)

Trainers: Stephanie Hofmann, Bobby Neuhold

Sessions: **Eawag-Empa Dübendorf, Forum Chriesbach, FC-B15**
Tue, 18.04.2023, 09:00 – 12:30 or
Thu, 20.04.2023, 09:00 – 12:30 or
Wed, 24.05.2023, 09:00 – 12:30

5 Getting Started with Latex

You are guided in creating your first LaTeX document, with special attention to scientific writing oriented features. The course is for LaTeX beginners.

- A not so short summary of LaTeX basics
- Tables, figures and formulae
- The LaTeX error log and common errors to avoid
- BibTeX and citation styles

Participants: max. 20 (please bring your laptop)

Trainers: Federico Cantini, Frank Hösli

Sessions: **Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24,**
Mon, 08.05.2023, 09:00 – 16:00

PSI Villigen, PSI Education Centre, OSGA/OG09,
Tue, 25.04.2023, 09:00 – 16:00

Required: Please have LaTeX installed on your laptop. Brief instructions for example installations will be available on our trainings website at www.lib4ri.ch/trainings ca.1 week prior to the sessions. Please contact us before the course should you require assistance with your installation.

5+ Scientific Illustrations & Vector Graphics within LaTeX

You establish a robust workflow for scientific illustrations generating figures purely within LaTeX. The course requires intermediate/decent knowledge of LaTeX.

- Manipulate advanced LaTeX commands through the packages TikZ and PGFPlots
- Revisit some of the good practices when writing with LaTeX

Participants: max. 20 (please bring your laptop)

Trainers: Theo Cavalieri (Empa), Frank Hösli

Sessions: **Eawag-Empa Dübendorf, Forum Chriesbach, FC-C24,**
Thu, 08.06.2023, 09:00 – 16:00

Required: Please have a LaTeX distribution and IDE (texmaker, ...) installed on your laptop and/or have a free account on overleaf.com