Learning objectives

- Identify the role of Infoscience at EPFL and its place in the global Open Science landscape
- Get an overview of its contents
- Discover what services it can provide to the EPFL community
1. EPFL institutional repository

EPFL Open Access repository since 2004

EPFL

Infoscience

EPFL scientific publications

Purpose:
* gather and disseminate EPFL scientific output
* make publications legally accessible and « reusable »
* support compliance with funders requirements in Open Science broad context

http://infoscience.epfl.ch
2. A wide range of publications

according to EPFL missions: teaching, research, innovation

published literature

“grey” literature
3. Compliance with funders’ requirements

Green Open Access (self-archiving)

Preprint
Submitted version

Can always be shared in Infoscience before submission

Accepted version
After peer-review

Can be shared in Infoscience after acceptance by journal usually after embargo

Published
Version of record

Can be shared in Infoscience if published OA, either in a fully gold OA journal or in a hybrid journal (can not be shared in Infoscience if published in a traditional journal)

[Resource version & Embargo date features]
4. Increase your research visibility

International standards
Technical protocols
+ Bibliographic check

Indexation by search engines

Harvesting by platforms

Google Scholar

Fast Fourier transforms: a tutorial review and a state of the art
P Duhamel, M Vetterli - Signal processing, 1990 - Elsevier
The publication of the Cooley-Tukey fast Fourier transform (FFT) algorithm in 1965 has opened a new area in digital signal processing by reducing the order of complexity of some...  
PDF | EPFL full-text

Wavelets and subband coding
M. Vetterli, J. Kovacevic - 1995 - infoscience.epfl.ch
First published in 1995, Wavelets and Subband Coding offered a unified view of the exciting field of wavelets and their discrete-time cousins, filter banks, or subband coding. The book...  
PDF | EPFL full-text

The contourlet transform: an efficient directional multiresolution image representation
M. Do, M. Vetterli - IEEE Transactions on image processing. 2005 - ieeexplore.ieee.org
The limitations of commonly used separable extensions of one-dimensional transforms, such as the Fourier and wavelet transforms, in capturing the geometry of image edges are...  
PDF | EPFL full-text

OpenAIRE

Bibliothèque nationale suisse BN
5. Import and export features

MANUAL

EPFL publications

IS-ACADEMIA theses (metadata + files)

LDAP authors

AUTOMATED IMPORT

Web of Science metadata

Espacenet patents metadata

Crossref DOI

EPFL Annual reports

EPFL Publications lists (People pages + Wordpress lab pages)

EPFL Graph (CEDE) *beta

EPFL ENAC Affinity map

platform + services

Infoscience EPFL scientific publications

metadata

metadata

theses

Bibliothèque nationale suisse BN (metadata + files)
At your disposal

- Library support, including helpdesk: infoscience@epfl.ch

- Knowledge base (EPFL users only)

- Training sessions at 12.00 (2 hrs incl. workshops):
  «How to add your publications ? » (April 1st)
  «How to create publication lists ?» (April 5th)

https://memento.epfl.ch/library/
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Infoscience Library team
infoскопience@epfl.ch

go.epfl.ch/coffee-lectures

Credits

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Thank you!