

The background of the slide features a close-up photograph of a white ceramic coffee cup filled with dark coffee, sitting on a wooden desk. In the foreground, a blue spiral-bound notebook is open, with a bright blue pen resting on its lined pages. A laptop is partially visible in the background, slightly out of focus.

5 things you should know about Infoscience

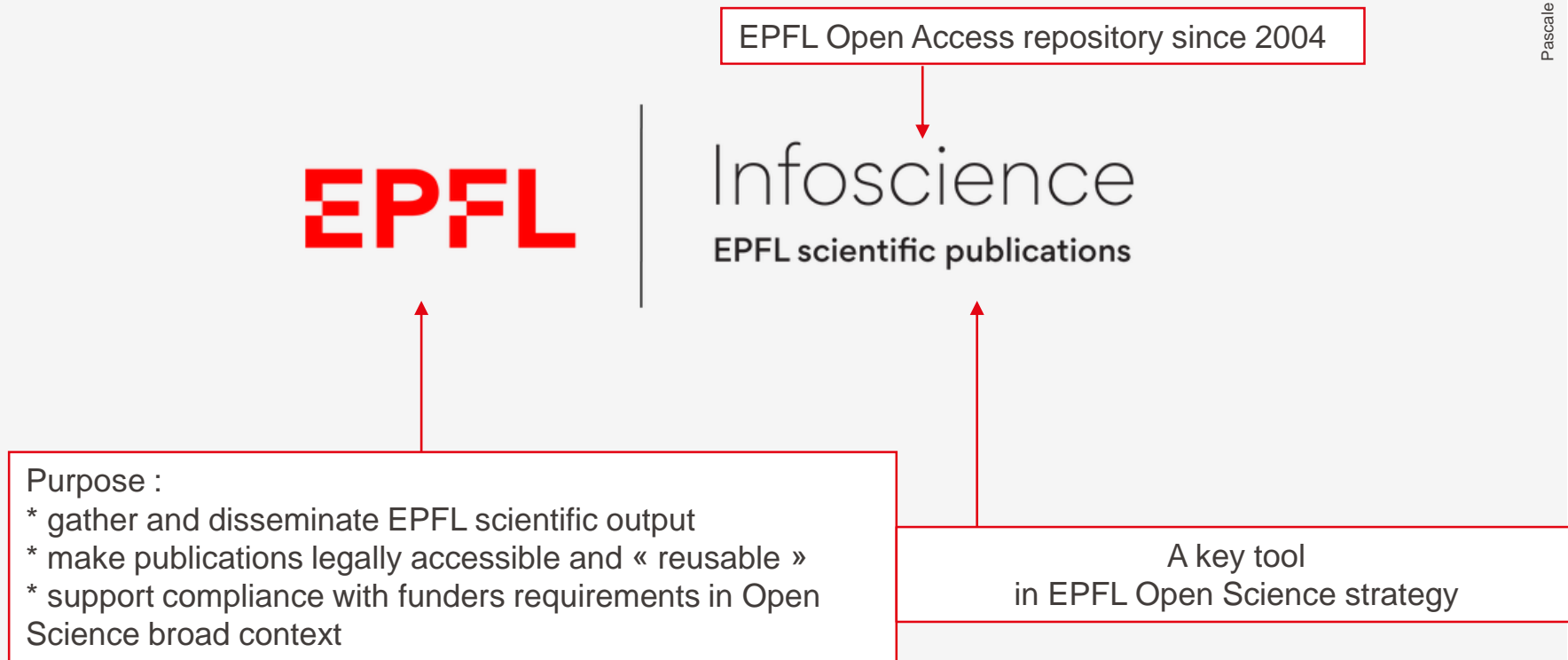
Pascale Bouton
EPFL Library

Coffee Lecture
#16

17 March, 2022

- 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

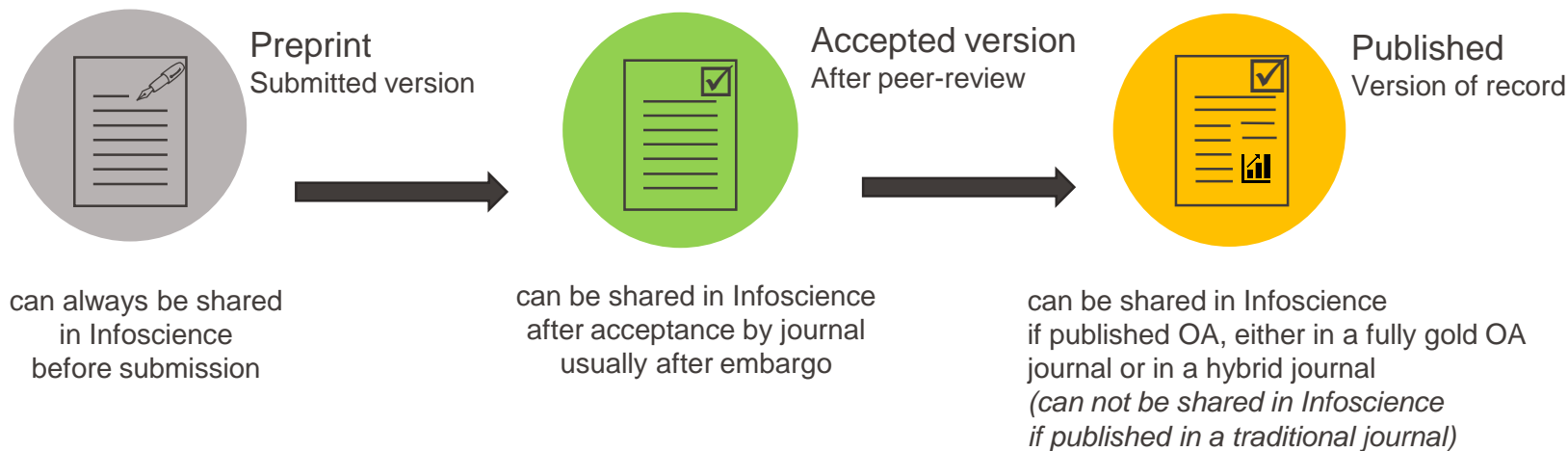
1. EPFL institutional repository



<http://infoscience.epfl.ch>

3. Compliance with funders' requirements

Green Open Access (self-archiving)



[Resource version & Embargo date features]

4. Increase your research visibility

International standards
 Technical protocols
 +
 Bibliographic check

Indexation by search engines



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 ...

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[LIVRE] 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 ...

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The contourlet transform: an efficient directional multiresolution image representation

[MN 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 ...

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[PDF] ieee.org
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Harvesting by platforms



Bibliothèque nationale suisse BN

5. Import and export features

MANUAL



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AUTOMATED IMPORT

EPFL

IS-ACADEMIA theses (metadata + files)

LDAP authors

Web of Science metadata



patents metadata



DOI

EPFL

Infoscience
EPFL scientific publications

platform + services

EPFL Annual reports

EPFL Publications lists
(People pages + Wordpress lab pages)

EPFL Graph (CEDE) *beta

EPFL ENAC Affinity map

 metadata

 metadata

Bibliothèque nationale suisse BN theses
(metadata + files)

- 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/>

Contact

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go.epfl.ch/coffee-lectures

Credits



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Thank you !



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