

# **Use of external databases to improve submission process in the institutional repository**

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# Ecole Polytechnique Fédérale de Lausanne, Switzerland

7'000 students, 3'000 staff





Our institutional repository

=

Database with all the publications  
written by the members of EPFL



Publications are inserted by  
the researchers

**NOT** by the library



>60'000 documents

>15'000 fulltexts



Powered by [CDS Invenio](#)

open-source

developed by





No Mandatory deposit at EPFL



**More Content !**

<http://www.flickr.com/photos/ben-der/273288073>





# Live Demo

- <http://infoscience.epfl.ch>

# Benefits for Researchers



# Benefits for the Library



Database	API type	Format of metadata	Access	Documentation	Examples
ISI Web of Science	REST and SOAP	WOS XML	Available for subscribers (IP authentication)	<a href="#">WSDL</a> <a href="#">Official doc</a>	<a href="#">sample XML</a>
Scopus	Javascript	Scopus CSV	Key available to subscribers	<a href="#">Official doc</a>	
Engineering Village	HTTP	EV XML	Available for subscribers (IP authentication)	<a href="#">Our doc</a>	<a href="#">sample XML</a>
Arxiv	HTTP	Atom	Free of use	<a href="#">Official doc</a>	<a href="#">sample XML</a>
CrossRef	HTTP	Crossref XML	Key available for non-commercial use	<a href="#">Official doc</a>	<a href="#">sample XML</a>
Pubmed	SOAP	Pubmed XML	Free of use	<a href="#">Official doc</a>	<a href="#">sample XML</a>

# Credits

Most of the work presented here was done by  
my colleague Gregory Favre

<http://people.epfl.ch/gregory.favre>



# Thanks for your attention !

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Screenshots from  
the live demo

## Description of your publication



If you think your publication might already be available on external databases (e.g. Web of Science), the wizard might be able to fill this form for you.

### Fill helper

We can try to prefill the data for you if you can give some key informations

Search in

Web of Science ▼

Search

- \* **Publication status**
- Published
  - Accepted
  - Submitted

DOI [?]

Example : 10.1126/science.1177980

- \* **Has the article been peer-reviewed?**
- Peer-reviewed
  - Not peer-reviewed

- \* **Was the publication written**
- At the EPFL
  - Outside the EPFL

Keywords





## Fill helper

We can try to prefill the data for you if you can give some key informations


Search in


- K. L. Brown, R. Falsafi, W. Kum, P. Hamill and J. L. Gardy et al. Robust TLR4-induced gene expression patterns are not an accurate indicator of human immunity. *Journal Of Translational Medicine*, vol. 8, p. -, 2010.
- E. Vlachos, M. L. Goodstein, M. A. Kozuch, S. Chen and B. Falsafi et al. ParaLog: Enabling and Accelerating Online Parallel Monitoring of Multithreaded Applications. *Acm Sigplan Notices*, vol. 45, p. 271-283, 2010.
- N. Hardavellas, M. Ferdman, B. Falsafi and A. Ailamaki. Near-Optimal Cache Block Placement With Reactive Nonuniform Cache Architectures. *Ieee Micro*, Austin, TX, Jun 20-24, 2009.
- T. F. Wenisch, M. Ferdman, A. Ailamaki, B. Falsafi and A. Moshovos. Making Address-Related Prefetching Practical. *Ieee Micro*, Austin, TX, Jun 20-24, 2009.
- B. T. Gold, B. Falsafi and J. C. Hoe. Chip-Level Redundancy in Distributed Shared-Memory Multiprocessors. *Ieee 15Th Pacific Rim International Symposium On Dependable Computing, Proceedings*, Shanghai, DEODIES D


## About the article

\* **Title**


Example : Observation of Half Quantum Vortices in an Exciton-Polariton Condensate

\* **Author**  









Written as Last Name, First Name

\* **Publication status**  Published

Accepted

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**Abstract [?]**

Despite a decade of research demonstrating its efficacy, address-correlated prefetching has never been implemented in a shipping processor because it requires



## About the journal

\* **Journal name**

Example : Journal of Mathematical Physics

**Volume**

Example : 35

**Number**

Example : 2-4

**Pages**

Example : 123-145

**Year**