Bibliographical Research

With Zotero : https://www.zotero.org/

And

A shared OneDrive folder to put the documents https://unice-my.sharepoint.com/:f:/g/personal/jean-yves_tigli_unice_fr/Ev86JgIqd7RIp3EiW83nNMUB2ZbihG6pgdDD5Y7aGvRl6A?e=XFdLBK

Tools for bibliography

- Digitals Libraries :

- IEEE Xplore

- ACM Digital Library

- Search Engines :
  Web of Science

- Scopus

- CiteSeerx

- Google Scholar

- Publishers :

- Springer

- Open archive :

- Hyper Articles en Ligne (HAL)

- Social Network :

- ResearchGate

- Exercice : Go and Test them after reading above Web page

Keywords, Queries and Scientific Database

Example on IEEE Xplore:

- [IoT, CPS, Smart], Application, Architecture, System, Domain

- (IoT or Internet of Things or Things or Smart or CPS or CyberPhysical or Cyber-Physical) and (Application or Architecture or System) and Domain

- IEEEXplore query :

("IoT" OR "Internet of Things" OR "Things or Smart" OR "CPS" OR "CyberPhysical" OR "Cyber-Physical") AND ("Application" OR "Architecture" OR "System") AND "Domain"

… results … and filters…

Results :

2245 papers !

Now we can use automatic filters …

… and results

Results : 42 papers !

Filters :

- Years : *2018-2020*

- Kind of publication:
  *Conferences ,
  Journals*

- Selected Journal:
  *IEEE Internet of
  Things Journal*

Showing **1-25** of **42** for
(("IoT" OR "Internet of Things" OR "Things or Smart" OR "CPS" OR "CyberPhysical" OR "Cyber-Physical") AND ("Application" OR "Architecture" OR "System") AND "Domain") ✕

▼ Filters Applied: Conferences ✕ Journals ✕ IEEE Internet of Things Journal ✕ 2018 - 2020 ✕

☐ Early Access Articles (8)

Show

⦿ All Results

◯ Open Access

Year ︿

| Single Year | Range |

| 2018 | 2020 |

☐ **Select All on Page**   Sort By: **Relevance** ▾

☐ **Fog/Edge Computing-Based IoT (FECIoT): Architecture, Applications, and Research Issues** 🔒
Babatunji Omoniwa ; Riaz Hussain ; Muhammad Awais Javed ; Safdar Hussain Bouk ; Shahzad A. Malik
IEEE Internet of Things Journal
Year: 2019 | Volume: 6, Issue: 3 | Journal Article | Publisher: IEEE
Cited by: Papers (5)
▸ Abstract   ((html)   📄 (4864 Kb)   ©

☐ **From Cloud Down to Things: An Overview of Machine Learning in Internet of Things** 🔒
Farzad Samie ; Lars Bauer ; Jörg Henkel
IEEE Internet of Things Journal
Year: 2019 | Volume: 6, Issue: 3 | Journal Article | Publisher: IEEE

Bibliographic Management Tool :

Zotero

EndNote

Bibtex

Mendeley

Zotero

1. Fill in the form with 2 name and email address per group
2. Install Zotero on your computer
3. On Zotero Application
   - Test it creating and removing some entries in it

… Get references and files from Editor Databases

Automatically:

- *Drag and Drop the pdf file*
- *Drag and Drop the web page of the paper*

Directly from Web browsers with plugins:
   Ex. Zotero Connector for Chrome :
   https://www.zotero.org/download/connectors

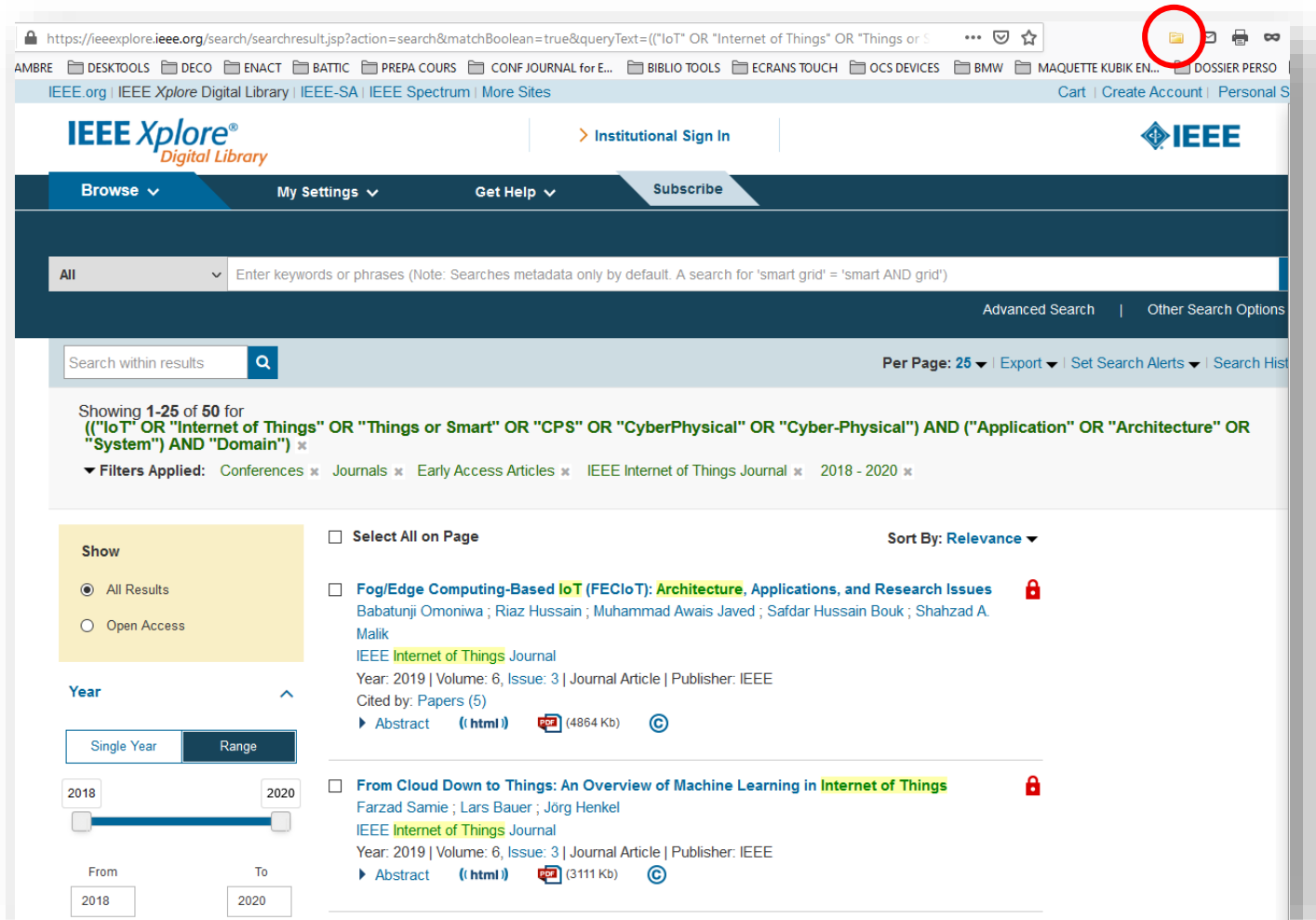With other plugins and addins:

- *https://www.zotero.org/support/plugins*

With other web sites …

Manually:

- *Search for pdf with google :*
   « <Title> filetype:pdf »

To improve next queries

...

*

Add your own keywords, their synonyms, in a "keywords" table

Ex. : Framework
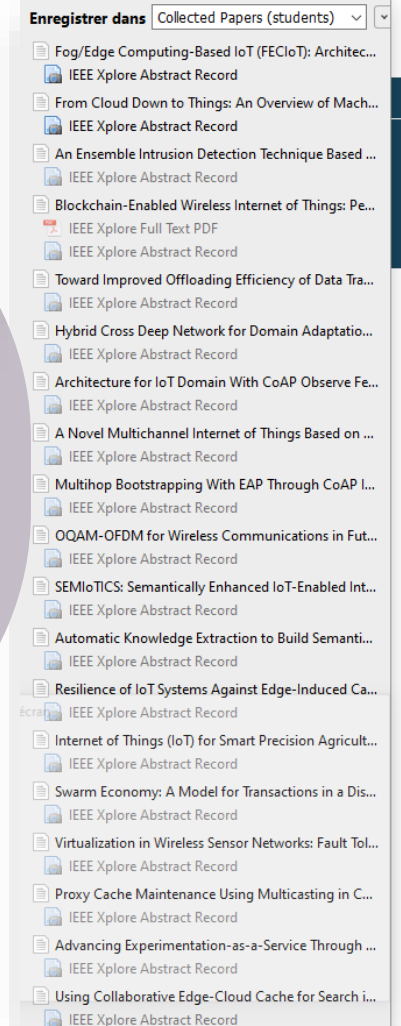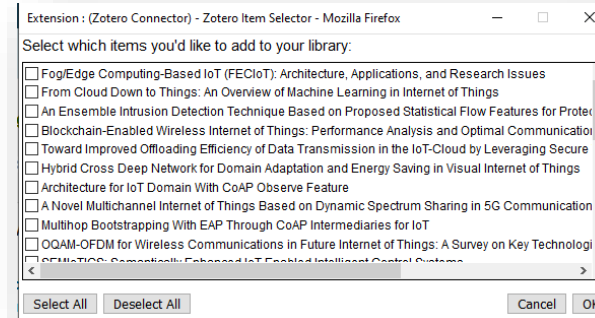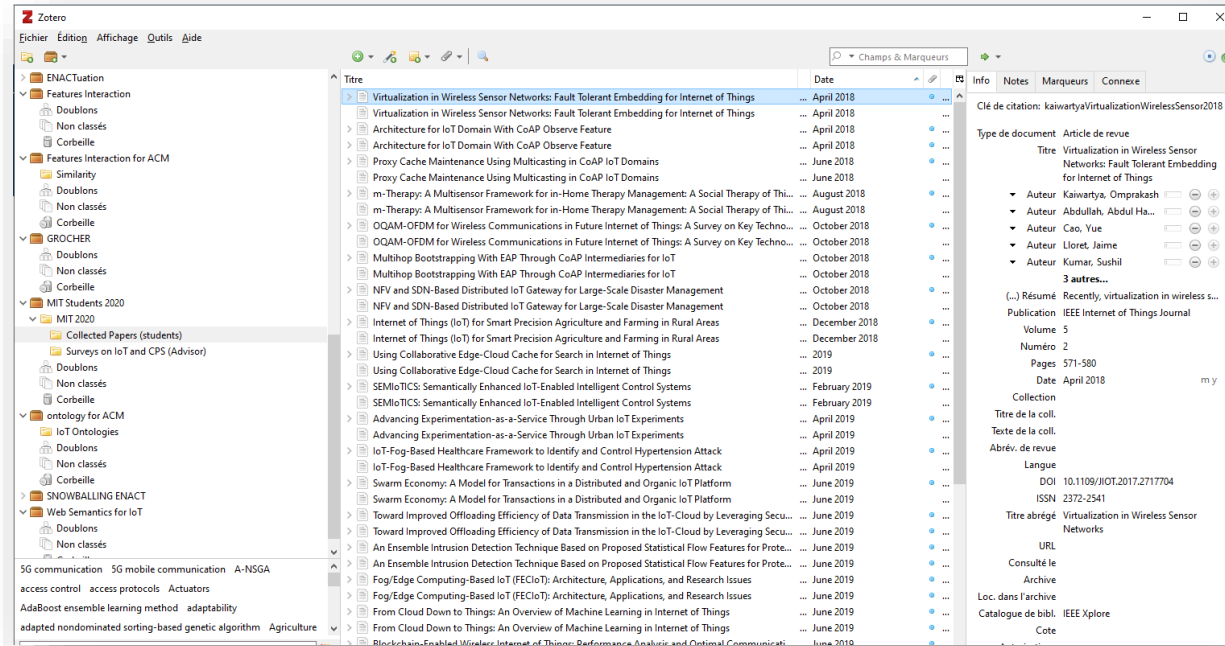
Ex. : Smart-city, Smart-vehicule ...

Remark : in IEEEXplore you can use wildcard character char like *

Ex. Smart*

Zotero connector for easily collecting references

Zotero Connector for Chrome :

https://www.zotero.org/download/connectors

Zotero also search for pdf file on other public reposiroty …

Sometime it finds some papers that are not free of charge .. !

That's another story !
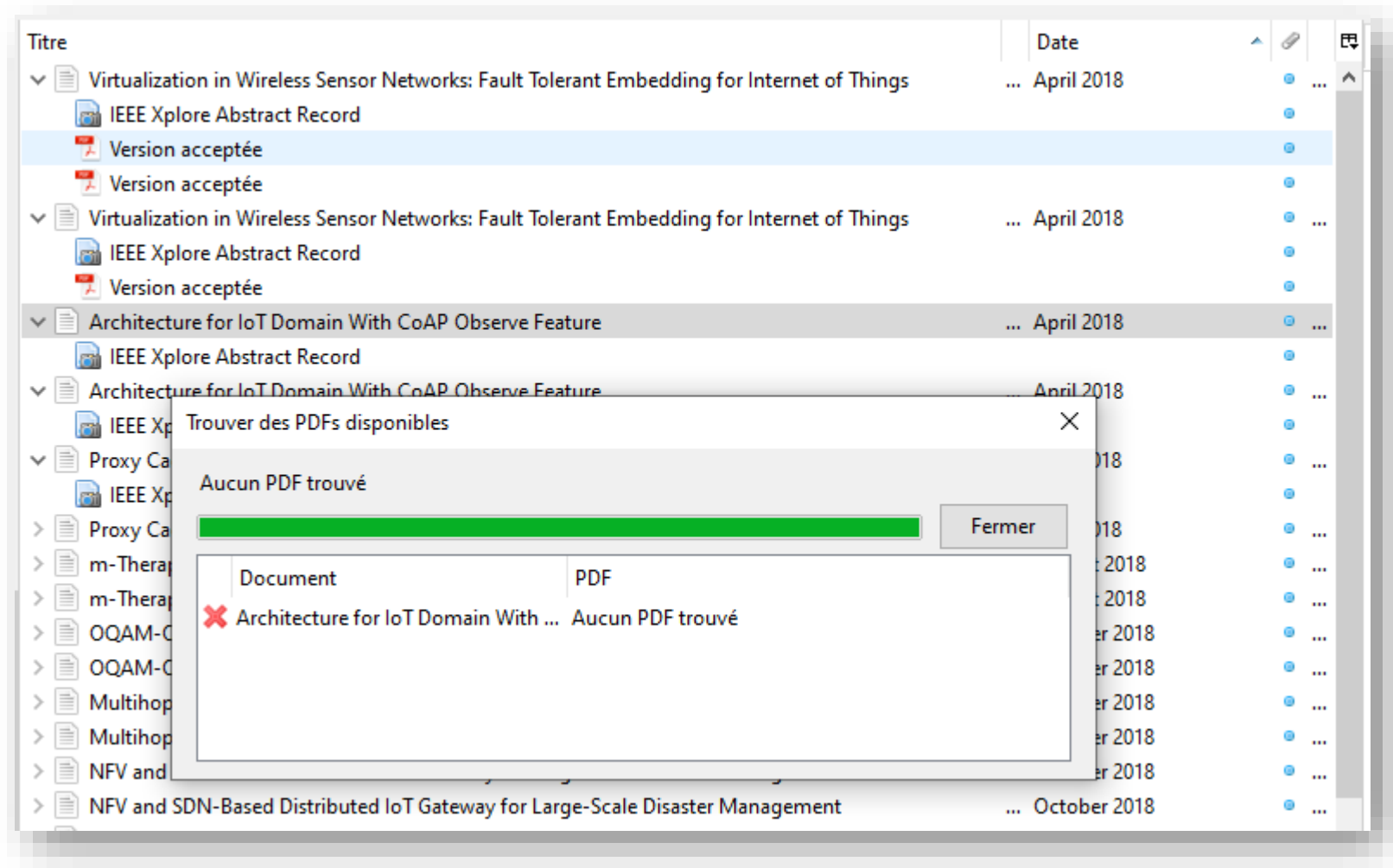
Exercice : After Installing, test Zotero

1. Create a new collection « FSSE4IoT » in your zotero database

2. Drag and drop a pdf from an open access editor OR Click on zotero extension to import a reference from a Editor portal.

3. Test automatic index

4. Generate a corresponding bibliography entry

5. Share your collection on the web thanks to your account and zotero web site

Evaluation Agenda

- Before Next Course 21/09/21
  - Make your group with two student
  - Choose your Paper Topic as a Title
  - Send an email to : Jean-Yves.Tigli@univ-cotedazur.fr
  - Subject : [FSSE4IoT Paper] ["name student 1"] ["name student 2"]
  - In the email body : "title of the paper".
  - If you want more details about the topic you want to address, and your background

- Before Session 5, to discuss during the session …
  - Provide a complete bibliography on your topics (in a BIBLIOGRAPHY SYNTHESIS FILE)
  - Explain what you want to discuss in your paper
  - Propose a plan of your future paper
  - Example:
    - Summary
    - Introduction
    - …. Various section on what you studied …
    - Synthesis about your topics
    - Conclusion (perspectives and main trends)

- Before the last Course
  - Provide a 2 or 3 pages paper about your topic using the TEMPLATE_PAPER format

Format of the paper …

- La Forme compte aussi …
- Prenez le "Template ACM Access Journal" sous word
- https://ieeeaccess.ieee.org/wp-content/uploads/2020/04/Access-Template.doc
- N'oubliez pas de remplacer le logo par celui de l'Université Côte d'Azur
- Enlever les paragraphes qui font reference à IEEEAccess
- Attention d'exporter les références depuis Zotero dans le format attendu par le "Template ACM Access Journal"

- Reste plus qu'à écrire le contenu ;-)