

ORBi in orbit

a user-oriented IR for multiple wins: why scholars take a real part in the success story...

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Once upon a time... University of Liège (<u>ULg</u>)

One of the 3 main universities of the French-speaking part of Belgium

Public and pluralist

Complete university (8 Faculties, 1 School, 1 Institute)

- 38 bachelor degrees
- 178 master degrees (21% of which are unique in French-speaking Belgium)
- 67 complementary master degrees

18,000 students (97 nationalities)

4,300 staff (2,800 professors and researchers)

- 530 research units
- 3,000 to 3,500 publications/ year ?







OA @ ULg: a longstanding story...

Based on a real conviction shared by

- authorities
 - The well-known blog of Rector Bernard Rentier an active advocate for OA http://recteur.blogs.ulg.ac.be/?cat=10
 - EOS (Enabling Open Scholarship): launched in 2007
 (Liege Convention)
 A membership organisation for universities and research institutions whose one of the top priorities is to help universities adopt effective OA policies http://www.openscholarship.org













OA @ ULg: a longstanding story...

And concrete initiatives of the ULg Library Network:

- PoPuPs: a portal and toolbox for diffusion of open access journals published by ULg members (since 2004) http://popups.ulg.ac.be
- BICTEL/e: a repository for PhD theses (since 2006)
 http://bictel.ulg.ac.be
- ORBi: Open Repository and Bibliography for ULg http://orbi.ulg.ac.be/







Specificities of ORBi

- One system for two purposes : combines
 - Open repository
 - AND institutional bibliography
- Deposit totally made by ULg authors themselves (maybe helped by representatives)

Libraries (ORBi staff)

- develop and improve the system
- add functionalities to help authors
- inform authors, organize formations, promote ORBi internaly and externaly
- ...

BUT

Don't archive ANY reference or full text in ORBi







The ORBi adventure...

- Step 1: groundwork (2005 June 2008)

 (analyse of the specificities of ULg publications in various disciplines, main strategic choices, development of the system, initial communication...)
 with pilot groups (not randomly choosen... but strategically selected)
- Step 2: kickoff (July 2008 November 25 2008): volontaries
- Step 3: generalization : official launch: November 26 2008 (November 2008 – February 2009)
- Step 4: consolidation (March 2009 July? 2010) (retrospective deposit of a large part of publications since 2002)
- Step 5: routine (August 2010?)
 (essentially deposit of current publications: +- 10/day?)

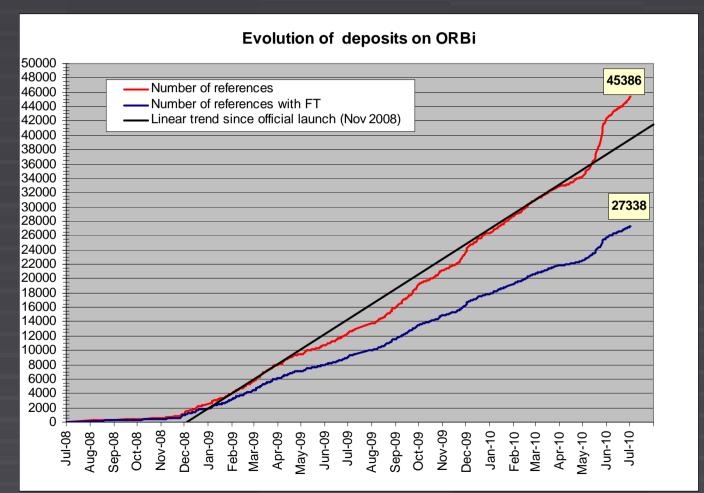






Success?

Yes! Far beyond our most optimistic expectations!









Success!

More than 45,000 references

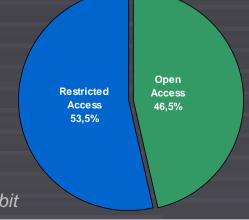
- 75.6 references added /calendar day
- Extreme peak with 700 references added on a single day!
- Far beyond 10/day expected for routine!

According to ROAR (http://roar.eprints.org), ORBi is

- 37th out of 1042 research institutional or departmental repositories regarding the total number of records
- 3rd in high activity level (number of days in the last year with more than 100 deposits a day)

What about FT and OA?

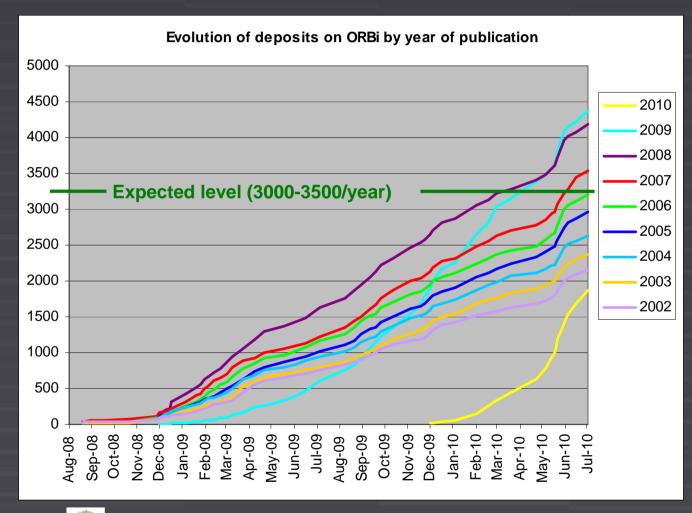
- More than 27,000 with Full Text (60.5%)
- More than 12,500 OA (46.5% of FT)







Success!



- ULg members publish more than expected
- Max/year not yet reached
- For previous years, the job is far from over...









- At least, a combination of 3 factors:
 - first of all: a strong institutional policy







ULg Policy

...The day when everything happened...

November 2005 : "OK, we'll do it!"

A strong mandate ("ULg mandate")

- All scholarly publications since 2002 of all ULg members HAVE to be deposited into ORBi
- All scholarly articles of all ULg members since 2002 HAVE to be deposited WITH full text (open or restricted access, according to the publisher's policy: ID/OA immediate deposit – optional access)

A strong incentive for the scholars

Some months after the official launch of ORBi only those references archived in ORBi were to be taken into account for evaluations, appointments, promotions, budget allocations, grant application etc.!

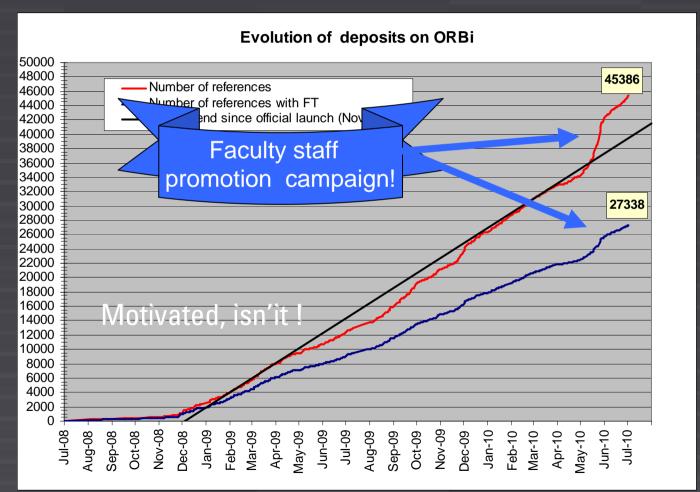






Effective?

Look at the deposit graphic during the recent promotion campaign...









Enough to explain?

No!

- Many more references than required:
 - 38.2% of archived references older than mandated (2002)
 - Many authors understand "scholarly publication" in a very broad sense
 - Not only "traditional publications"
 - But also unpublished conferences, internal and external reports, learning materials, discourses and speeches...
 - Scholars ask us to let them add references of colleagues who no longer belong to ULg (retired, dead...)
- Many more FT than required:
 - 48.8% of articles older than 2002 with full text!
 - 40.4% of "non articles" with full text!

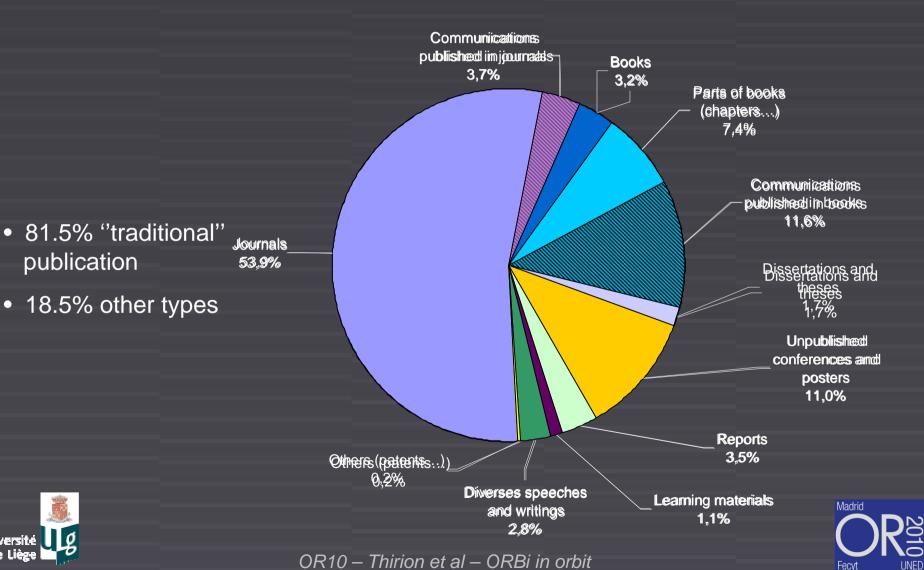






publication

Document types in ORBi









- At least, a combination of 3 factors:
 - first of all: a strong institutional policy
 - the multi-players characteristics of ORBi







A play with specific characters...

1. Leading role: authors

Role: adding all the references

Keep back your paternity! It's your job and nobody can do it better than yourself!

For us, the most important for a scholar is to teach and to search. The academic output of searching is scholarly publication. It's just as their children. Thus scholars can't continue to abandon their children just after publication! They have to take care or them in their whole life. No more orphans among publications!

Shared and collaborative work

 The task is shared - publications by several ULg authors are introduced only once.

Each of them can see and modify what is being done by the co-authors



And the responsability too! One makes a mistake? All will suffer!
 So, feel concerned by the quality!







A play with specific characters...

2. Academic librarians: well placed to carry out such a project

- Specific skills in touch with
 - bibliographic databases and structure of information
 - specificities of scholarly communication in the different disciplines
- Main concern for us

Thus ORBi project team directly put under the leadership of the head librarian, daily involved in the project

- Sign of the importance for the Institution
- Large freedom of action (strategic choices...) => coherence & effectiveness

Roles:

- Whole development of the tool (conceptualization, designing the architecture, workflow definition, functionalities development, integration with internal and external tools, defining typology and classification, layout...)
- Referencing
- Promotion and training sessions
- ...and daily monitoring of deposits. All the job behind the scenes...







A play with specific characters...

3. ULg authorities

Roles:

- define and promote the ULg mandate
 - externally and internally
 - effectively
 - actively
 - consistently
 - ... and without any exception for a "dear colleague..."
- trust the Library Network
 - ...and let the ORBi team a large freedom of action









At least, a combination of 3 factors:

- first of all: a strong institutional policy
- the multi-players characteristics of ORBi
- the user-oriented improvement of the repository (focus on needs)
 - User-friendliness of submission
 - Added values
 - Sweat once, win many times...







User-friendliness of submission

The challenge:

- improve the standard submission process of DSpace
- to an easy, quick (5-10 minutes) but also powerful process, meaningful for scholars from various disciplines

in touch with the needs and wants of scholars and of the institution

Some improvements made:

- Creating of groups of submissions according to their status (submissions in progress by the authors, submissions in progress by co-authors, submissions to be signed...)
- Standard DSpace submission steps reduced and reorganized logically in 4 steps
 (bibliographic elements additional info full text validation)
- Dynamic form adapting to document types (book, chapter, article...) avoiding non pertinent fields
- Unambigous distinction between mandatory and optional fields
- Context sensitive help







User-friendliness of submission

- Dynamic drop down lists for assisted encoding fields linked to:
 - <u>LDAP</u> for adding ULg authors (with email, affiliation...) and managing different forms of names (husband's name...)
 - a local developped database with 40,000 serial titles with abbreviated title, ISSN, E-ISSN, publisher, peer reviewing status...)
 - SHERPA/RoMEO database
 - specific home-made databases (funders, research centers...)
- Legal assistance
 - home-made legal guide, detailed and didactic: legal questions about publishing and deposit in institutional repositories
 - support by a lawyer (member of the ULg Library Network)
 - tool box with templates available
 - IR amendment to the usually "one-way" agreement author publisher
 - mail templates to get authorization of publishers for OA







User-friendliness of submission

- Import tool for PubMed, WOS, SAO/NASA, EndNote X, BibTeX (references to be verified, improved and validated by the author)
- A very reactive "hot line":



Any question (*)?

ORBi staff tries to give you an effective response in maximum 1 day!

(*) including stupid, naive, repetitive, fallacious...







Added useful values for scholars

Long term preservation

- No more necessary to keep in mind on wich computers are stored the latest versions
 of all papers published by my laboratory (computer change, mobility...)
- They are on ORBi! And they will remain there and be preserved in the future

Automated bibliometrics & statistics

- ORBi statistics number of views and downloads (updated daily)
 - from or outside ULg
 - only human accesses (exluding access from more than 20,000 spiders)
 - by reference, by author, globally, by month, by country, top 20...
- Impact factor (current and from the year of publication), IF5, Eigenfactor, article
 Influence (updated daily for new references)
- Citations (updated weekly)
 - Google scholars citations
 - Web of Science citations







Added useful values for scholars

Referencing! Be more visible!

Not sure everybody in the world will think: "There is a beautiful university in a little country named Belgium with a fantastic ORBi system. Let see if somebody there has published something interesting!"



- On large harversters (OAIster, Driver, Scientific Commons, Base...)
- Google Scholars
- Popular search engines
- •







Sweat once, win many times...

Automated tool for generation of <u>publications report</u>

- with
 - Different output formats (PDF, HTML, DOC, XML)(sample)
 - Neat layout
 - Personalizations options
 - Specific requests
 - Different presentation models defined in collaboration with different faculties (STM, law, humanities...)
 - Different international bibliographic formats (APA, Chicago)
 - Optional elements (abstract, peer review status, bibliometrics...)
 - Sorting facilities, personalized report title...
- Usable for
 - applying for appointments, promotions or budget allocations in ULg
 - adding a dynamic link to publications from a personal or service WWW page
 - generating a personal Curriculum vitae
 - submitting a file to the national scientific research fund (FNRS/FRS) (they CAN use it in 2010 - they HAVE TO DO since 2011)
 - preparing an external funding call (EU...)

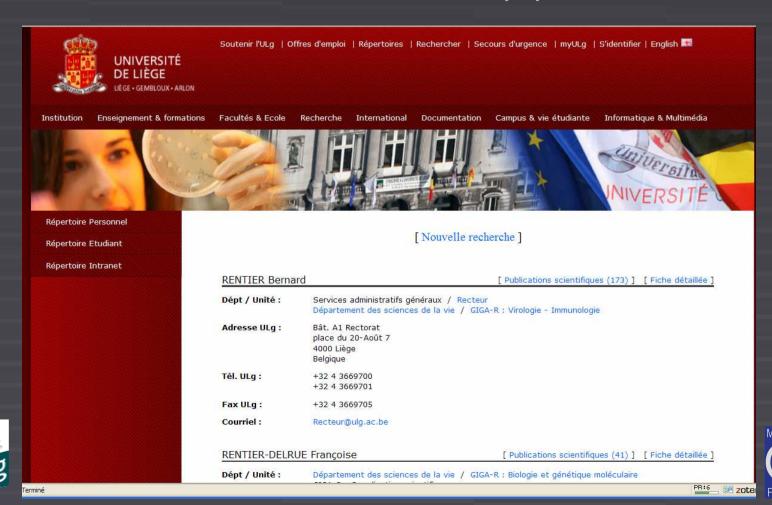






Sweat once, win many times...

Automatic link from the staff directory (phonebook) of ULg







- At least, a combination of 3 factors:
 - first of all: a strong institutional policy
 - the multi-players characteristics of ORBi
 - the user-oriented improvement of the repository
 - User-friendliness of submission
 - Added values
 - Sweat once, win many times...
- And maybe an additional one: the "buzz effect"

With so many emails generated by ORBi and sent to co-authors: impossible to say "I didn't know..."

"Oh! My colleague does it? So, I have to do it too!"







All positive? ORBi in orbit?

Certainly Not!

So many things to do, so many problems to resolve, so many challenges!

- some duplicates (<1%) and encoding errors
- some middle-sized or small publishers don't understand what is OA and IR
- some author's fears: lake of knowlegde about their rights. Too many restricted access
- some authors reluctant: "No time"; "Not my job"...
- improve and improve the tool and add new functionalities and links
- collaborate with nearby institutions to promote IR and realize large harvesting
- communicate, communicate and communicate again to convince about OA!

ORBi is still young and keep growing and changing... The road to maturity is still long!

This will be the coming episodes of the ORBi adventure...







ORBi: http://orbi.ulg.ac.be

"ORBi in orbit" abstract and slides (in a few days)

http://hdl.handle.net/2268/65254 http://orbi.ulg.ac.be/handle/2268/65254

Contacts:

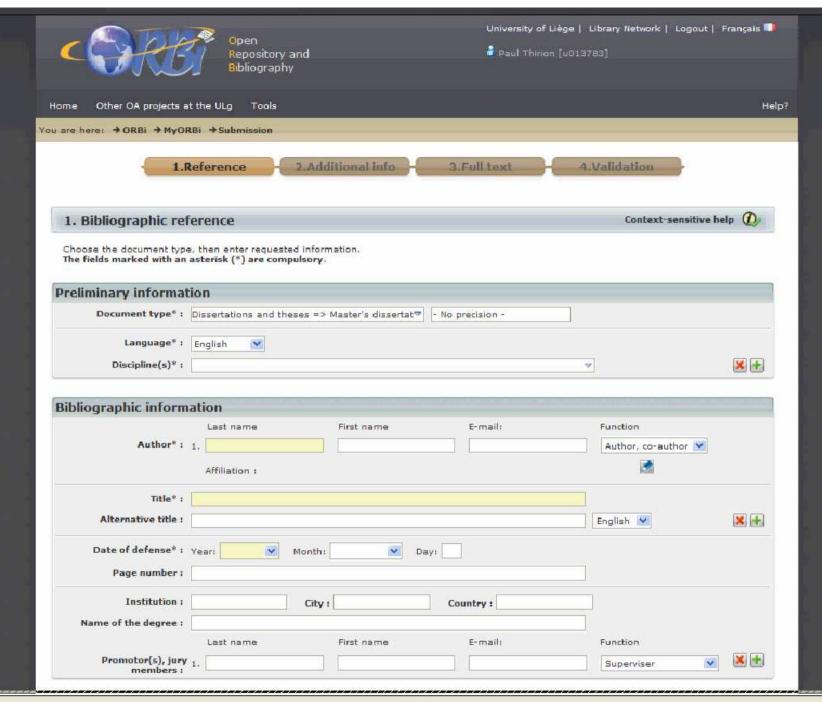
ORBi staff: orbi@misc.ulg.ac.be
Paul.Thirion@ulg.ac.be (head of ULg Library Network)

...Thank you for your attention!











Home Other OA projects at the ULg Tools

You are here: → ORBi → MyORBi

MyORBi: Paul Thirion [u013783]



+ Your references have been viewed 2168 times and your full texts downloaded 479 times

Add a new reference

Import external references

99 Submitter guide [fr]

More statistics

My publications report

A My profile (representative...)

Help?

Submission(s) in progress [3]:

Author(s)	† Title	Year	Publication type	Peer reviewed	Submitter	Actions
Thirion <mark>P</mark> aul, Renaville François, Bastin Myriam	ORBi in orbit, a user-oriented IR for multiple wins: why scholars take a real part in the success Copy of handle: 2268/65254	7-Jul- 2010	Scientific congresses and symposiums - Unpublished conference	~	Paul Thirion	2 Q X
Thirion Paul	L'impact des formations à la maîtrise de l'information sur la performance scolaire des étudiants :	2004	Scientific journals - Article	64	Paul Thirion	A
Thirion Paul	Elaboration d'un plan de formation	1997	Scientific journals - Other		Paul Thirion	C X

Submission(s) in progress by another author [1]:

Author(s)	† Title	Year	Publication type	Peer reviewed	Submitter	Actions
Renaville François, Thirion Paul	From Liber to Aleph: The migration story	2011	Scientific journals - Article		François Renaville	Q

Archived reference(s)[24]:

Author(s)	Title	Year	Publication type	reviewed	Submitter	Actions
Thirion Paul, Renavilla François, Bastin Myriam	ORBi in orbit, a user-oriented IR for multiple wins: why scholars take a real part in the success	7-Jul- 2010	Scientific congresses and symposiums - Unpublished conference		Paul Thirion	Q @
Renaville François. Thirion Paul	Conversion from Excel into Aleph sequential	8-Sep- 2009	Scientific congresses and symposiums - Poster		Paul Thirion	Q
Naedts Bernadette, Petit Nicole, Thirion Paul	Aléas de la conservation en bibliothèque : Prévenir et guérir	2009	Scientific journals - Article		Paul Thirion	2 Q 8
Thirion Paul, Pochet Bernard	Information Literacy in Students Entering Higher Education in the French Speaking Community of Bel	2009	Scientific journals - Article	0	BERNARD POCHET	<u> </u>



permettre d'être întégré à un vaste réseau international.

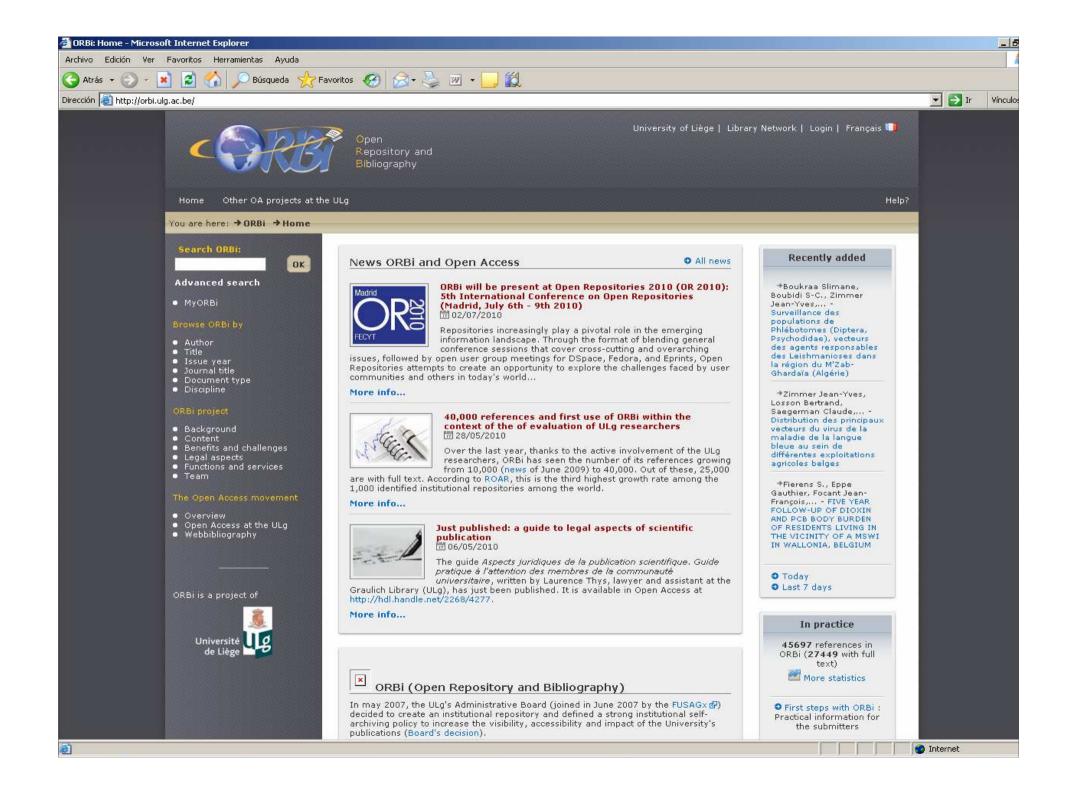
utilise la technologie développée par Lodel.org.

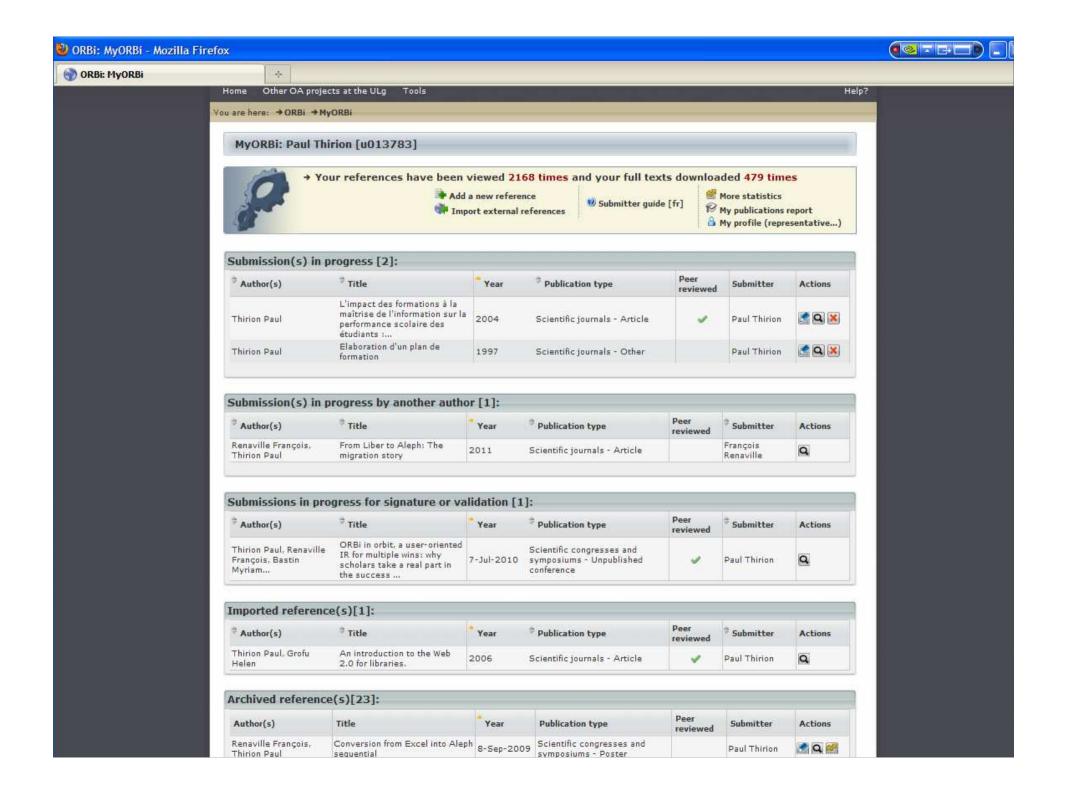
Contexte scientifique:

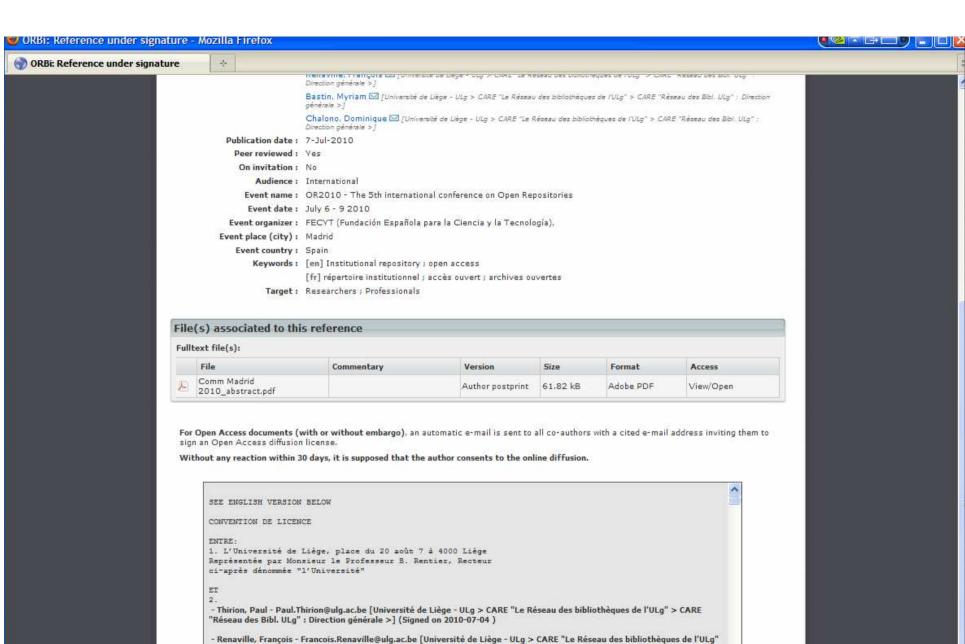
fait partie de l'arsenal d'initiatives mises en place par le Réseau des Bibliothèques de l'Université de Liège dans le cadre de sa politique de soutien à un accès libre à l'information scientifique (Open Access). Ces intitatives comportent également le projet Bictel de diffusion des versions électroniques des thèses publiées à l'ULg, ainsi que le projet de répertoire institutionnel des recherches menées par les

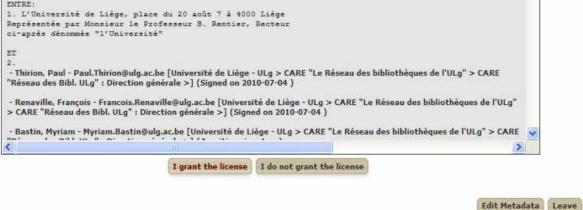
L'objectif de la communauté scientifique n'est en effet pas de garantir des revenus financiers à des éditeurs commerciaux, mais de permettre une diffusion rapide et large des recherches réalisées, tout en

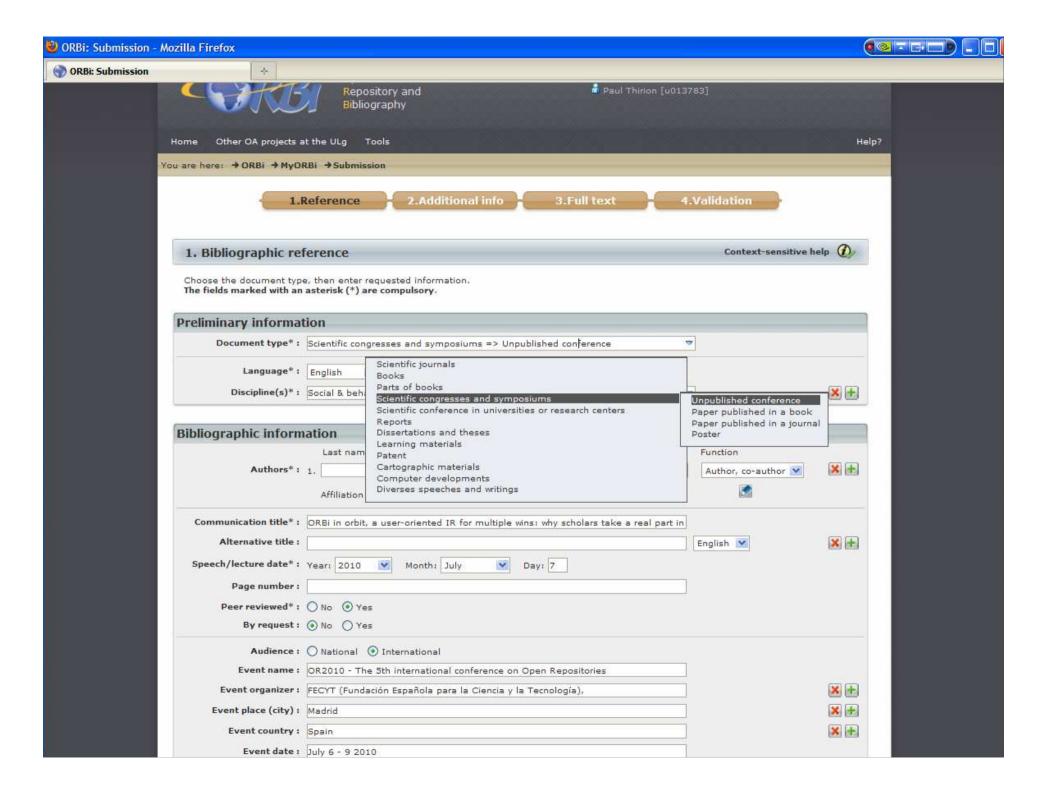


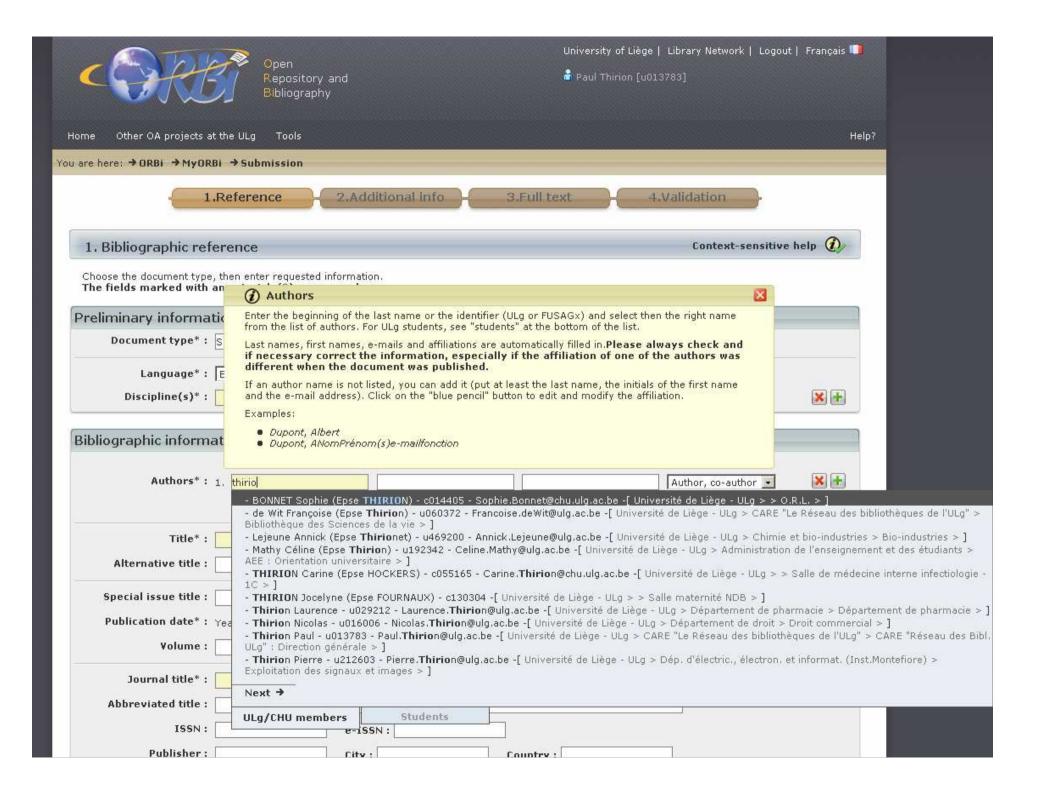


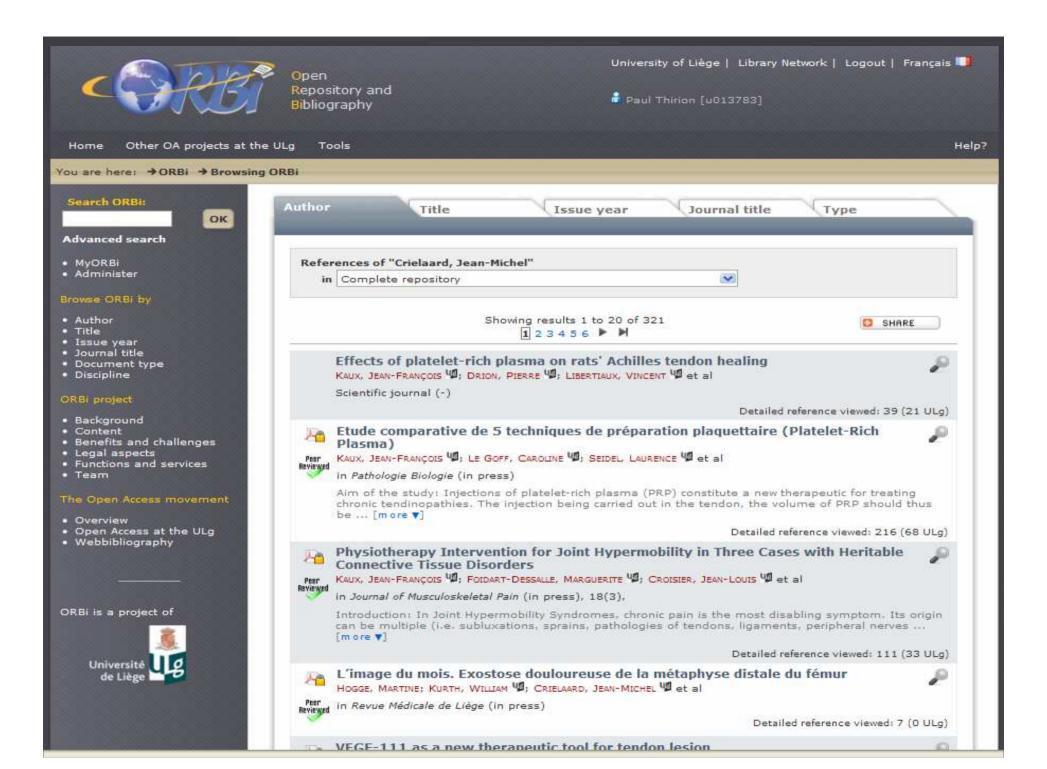












ORBi: General Statistics



Only the hits/downloads carried out by individuals are considered. The hits/downloads carried out by the tens of thousand of search engine robots (crawlers) have been ruled out.

The statistics are updated every night, Last update: 06/07/2010 0:5

Evolution

Use

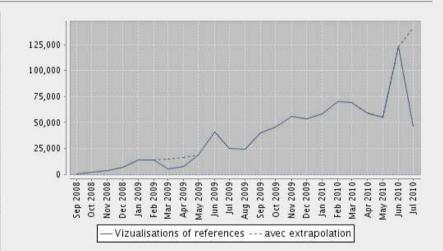
Global Top 20

Last 30 days

Number of visualizations

Number of visualizations by month

Month	Vizualisations of references
September 2008	85
October 2008	1727
November 2008	3705
December 2008	6623
January 2009	13665
February 2009	14050
March 2009	5153
April 2009	7630
May 2009	19025
June 2009	40917
July 2009	24959
August 2009	23819
September 2009	39973
October 2009	45549
November 2009	55719
December 2009	53541
January 2010	57993
February 2010	70312
March 2010	68932
April 2010	58990
May 2010	54819
June 2010	123007
July 2010	46422
199076000000000	836615



Number of visualizations by country

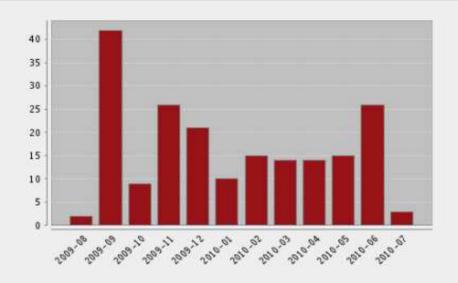
Origin	Vizualisations	Percentage
United States	227056	27.14

225,000

Number of downloads by month

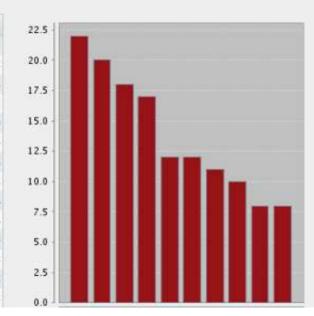
Month	Downloads
August 2009	2
September 2009	42
October 2009	9
November 2009	26
December 2009	21
January 2010	10
February 2010	15
March 2010	14
April 2010	14
May 2010	15
June 2010	26
July 2010	3
	197

Files	Downloads
poster_igelu2009.pdf	118
poster_igelu2009.pptx	37
handout_igelu2009.pdf	42
	197



Number of downloads by country

Origin	Downloads	Percentage
Italy	22	11,17
Germany	20	10.15
United States	18	9,14
Belgium	17	8.63
Finland	12	6.09
UE ULg	12	6.09
M Canada	11	5.58
Japan	10	5.08
Romania	8	4.06
Poland	8	4.06
Switzerland	7	3.55
□ Israel	7	3.55
France	6	3.05
O Brazil	6	3.05



Statistics for Paul Thirion



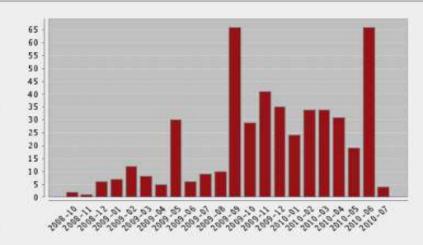
Only the hits/downloads carried out by individuals are considered. The hits/downloads carried out by the tens of thousand of search engine robots (crawlers) have been ruled out.

The statistics are updated every night. Last update: 04/07/2010 0:7

Number of downloads

Number of downloads by month

Month	Downloads
October 2008	2
November 2008	1
December 2008	6
January 2009	7
February 2009	12
March 2009	8
April 2009	5
May 2009	30
June 2009	
July 2009	9
August 2009	10
September 2009	66
October 2009	29
November 2009	41
December 2009	35
January 2010	24
February 2010	34
March 2010	34
April 2010	31
May 2010	19
June 2010	66
July 2010	4
	479



Downloads
197
58
52
41