



# LIRIAS

Leuven Institutional Repository and Archiving System

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- ✦ Vision - Strategy - Tactics
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# Introduction

- ✦ 2005 - 2006: Requirements Analysis & Pilot
- ✦ November 2006: Lirias live - start roll-out
- ✦ December 2006: @mire
- ✦ March 2007: Start additional implementation phase



## Vision

University  
Wide  
Overview

Faculty  
Involvement

Open  
Access  
Repository

## Strategy

Primary  
Source  
of  
Information

Involve  
Departmental  
Coordinators

As Easy  
As Possible

## Tactics

Integrated  
University  
Structure  
Management  
Tools

Departmental  
Roll-out  
Researcher  
Perks

Import  
Validate

# Added Functionality

- ✦ Import & Validation by Authors



# Added Functionality


96 items were imported and not validated.

<< [Go back to My Lirias](#)

▶ <b>Oct-1989</b>	Recombinant interferon-gamma induces HLA-DR expression on human corneal epithelial and endothelial cells in vitro: a preliminary report.
▶ <b>Jul-1990</b>	Interferon-gamma inhibits stimulated adrenocorticotropin, prolactin, and growth hormone secretion in normal rat anterior pituitary cell cultures.
▶ <b>1991</b>	Bradykinin induces interleukin-6 and synergizes with interleukin-1
▶ <b>1991</b>	Interleukin-6, a possible autocrine growth and differentiation factor for the human megakaryocytic cell-line, cmk
▶ <b>1991</b>	Release of interleukin-6 from anterior-pituitary cell aggregates - developmental pattern and modulation by glucocorticoids and forskolin
▶ <b>Mar-1991</b>	Heterogeneous induction of major histocompatibility complex class II antigens on corneal endothelium by interferon-gamma.
▶ <b>Apr-1991</b>	Chicken macrophage activation by interferon: do birds lack the molecular homologue of mammalian interferon-gamma?
▶ <b>Jun-1991</b>	Endogenous IFN-gamma is required for resistance to acute <i>Trypanosoma cruzi</i> infection in mice.
▶ <b>Jun-1991</b>	Anti-interferon-gamma antibody treatment, growth of Lewis lung tumours in mice and tumour-associated cachexia.
▼ <b>Jul-1991</b>	IFN-gamma reverses IL-4 inhibition of fetal thymus growth in organ culture.

[View full record ...](#) [Edit full record](#) (optional)

## SUMMARY:

Author(s):	<i>Plum J; De Smedt M; Billiau A; Heremans Hubertine (U0010398); Leclercq Georges (U0003037); Tison B</i>
Journal:	<i>Journal of immunology (Baltimore, Md. : 1950) vol:147 issue:1 pages:50-4</i>
KULeuven publication	<input checked="" type="checkbox"/>
DOC type:	IT (Articles in internationally reviewed journals) 
Organizational Unit:	Transplantation Immunology Section
<a href="#">Approve</a> <a href="#">Not mine</a>	



# Added Functionality

- ✦ Import & Validation by Authors
- ✦ Type dependent input forms  
Integration with SAP  
Journal Database Module  
(demo)



# Added Functionality

- Demo Available at:

<http://www.atmire.com/Movies/Lirias/submit.mov>



# Added Functionality (cont'd)

- ✦ Admin Functionalities
  - ✦ Checking for duplicates
  - ✦ Login-As
- ✦ Research Evaluation
  - ✦ Bibliography
  - ✦ Graphs and Stats



# Added Functionality (cont'd)

- Demo's available at:

<http://www.atmire.com/Movies/Lirias/doublecheck.mov>

<http://www.atmire.com/Movies/Lirias/bibliografie.mov>

<http://www.atmire.com/Movies/Lirias/graphs-ou.mov>



# Behind the Scenes

- Crafting inputforms.xml

```
<field>  
  <dc-element>date</dc-element>  
  <dc-qualifier>issued</dc-qualifier>  
  <repeatable>>false</repeatable>  
  <label>Publication Year</label>  
  <input-type>dateyear</input-type>  
  <hint>Please give the year of the publication or public  
distribution of the book below.</hint>  
  <required>You must enter the year.</required>  
</field>
```



# Behind the Scenes

- Crafting inputforms.xml

```
<field>
  <dc-element>date</dc-element>
  <dc-qualifier>issued</dc-qualifier>
  <repeatable>>false</repeatable>
  <label>Publication Year</label>
  <input-type>dateyear</input-type>
  <hint>Please give the year of the publication or public distribution of the
book below.</hint>
  <required>You must enter the year.</required>
  <filters>
    <field element="type" qualifier="template">book_chapter</field>
  </filters>
</field>
```



# Behind the Scenes

- ✦ Crafting inputforms.xml
- ✦ The Art of Importing
  - ✦ Predefined CSV formatting rules
  - ✦ Import on test server for evaluating and optimizing



# Behind the Scenes

From ...

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	ref type	ref id	title	other title	authors	authors l,f;	pub year	keywords	start page	end page	host docum	edition	volume	dd-m
76	BOOK	2319	L'économie belge: à la re		Abraham F;Tharakan PKM	Abraham,F;Tharakan,PKM;Sleuwaeg	1995							
77	BOOK	2408	Inleiding in de Belgische e		Berlage L;Van Poeck A;Bet	Berlage,L;Van Poeck,A;Bethuyne,G;	1996							
78	BOOK	2445	De industrie, motor van d		Sleuwaegen L;	Sleuwaegen,L;	1994							
79	BOOK	2448	KMO's in de Belgische ec		Sleuwaegen L;	Sleuwaegen,L;	1993							
80	BOOK	2450	Studie van de vooruitzich		De Backer K;Goedhuys M;l	De Backer,K;Goedhuys,M;Plaetinck,l	1992							
81	BOOK	2451	Nieuwe kansen voor onde		Sleuwaegen L;Verkest E;F;	Sleuwaegen,L;Verkest,E;Famaey,H;	1989							
82	BOOK	2452	Nouvelles opportunités pc		Sleuwaegen L;Verkest E;F;	Sleuwaegen,L;Verkest,E;Famaey,H;	1989							
83	BOOK	2455	The computer industry in		De Bondt R;Sleuwaegen L;	De Bondt,R;Sleuwaegen,L;Daems,H-	1985	Industry;						
84	BOOK	2457	CESDATA, een geïngere		Uyttebrouk F;Sleuwaegen l	Uyttebrouk,F;Sleuwaegen,L;Van Elev	1981							
85	BOOK	2503	Inleiding tot de Marketing		Leunis J;	Leunis,J;	1990	Marketing;	1	321				
86	BOOK	2504	La vente à distance en B		Leunis J;	Leunis,J;	1991	Marketing;	1	100				
87	BOOK	2505	Inleiding tot de Marketing		Leunis J;	Leunis,J;	1992	Marketing;	1	366			2de herziene druk	
88	BOOK	2506	Situation et perspectives		Leunis J;Evenepoel A;	Leunis,J;Evenepoel,A;	1992		1	205			XXIII	
89	BOOK	2515	Het gebruik van Total Cos		Degraeve Z;Roodhooft F;	Degraeve,Z;Roodhooft,F;	2001							
90	BOOK	2517	Cost Accounting		Jorissen A;Roodhooft F;Var	Jorissen,A;Roodhooft,F;Van Liedeker	2001	Accounting;	1	359				
91	BOOK	2518	Management Accounting		Jorissen A;Roodhooft F;	Jorissen,A;Roodhooft,F;	2001	Accounting;	1	304			2e dr.	
92	BOOK	2548	Marketing en technologie		Vanden Abeele P;	Vanden Abeele,P;	1995	Marketing;						
93	BOOK	2563	Samenwerking Universite		Van Dierdonck R;Debacker	Van Dierdonck,R;Debackere,K;Desie	1987		1	116				
94	BOOK	2575	Financiering van innovatie		Debackere K;Vermeulen H;	Debackere,K;Vermeulen,H;Van Looy,	1998		1	180				
95	BOOK	2581	Clusterbeleid en innovatie		Debackere K;	Debackere,K;	2000							
96	BOOK	2593	Het Verenigd Koninkrijk in		Peeters T;	Peeters,T;	1970		1	327				
97	BOOK	2858	Een streepje voor 25 jaar		Delanghe H;Buyst E;	Delanghe,H;Buyst,E;	2002		1	128				
98	BOOK	2902	Bedrijfsconomie voor jur		Van Acoleyen M;Van Herck	Van Acoleyen,M;Van Herck,G;Dequa	1984							
99	BOOK	3571	Het ontwikkelen van een c		Gaeremynck A;De Boeck J	Gaeremynck,A;De Boeck,J;	2001		1	152			4de editie	
100	BOOK	3600	Wereldberoemd in eigen		Verdin P J;Van Heck N;	Verdin,P,J;Van Heck,N;	2002	Strategy;Ma	1	284			I	
101	BOOK	3609	Algemeen boekhouden. C		Van Herck G;Lefebvre C;G;	Van Herck,G;Lefebvre,C;Gaeremync	1995							
102	BOOK	3610	Vlaams-Brabantse munts		Van der Wee H;Aerts E;	Van der Wee,H;Aerts,E;	1980	Flanders;	1	152				
103	BOOK	3611	De economische ontwik		Van der Wee H;Aerts E;	Van der Wee,H;Aerts,E;	1982	University;	1	230				
104	BOOK	3613	De economische ontwik		Van der Wee H;Aerts E;Du	Van der Wee,H;Aerts,E;Dupont,W;	1985		1	304				
105	BOOK	3615	Algemeen boekhouden		Van Herck G;Lefebvre C;G;	Van Herck,G;Lefebvre,C;Gaeremync	1999						8ste druk	
106	BOOK	3616	Histoire économique mor		Van der Wee H;	Van der Wee,H;	1990		1	553				
107	BOOK	3617	De wereldeconomie in op		Van der Wee H;Houtman-D	Van der Wee,H;Houtman-De Smedt,	1992	Economy;	1	236				
108	BOOK	3618	Vernootschapsboekhouc		Vertonghen R;Lefebvre C;	Vertonghen,R;Lefebvre,C;	2000		1	574			6de herwerkte druk	
109	BOOK	3619	Vernootschapsboekhouc		Vertonghen R;Lefebvre C;	Vertonghen,R;Lefebvre,C;	1997		1	521			5de druk	
110	BOOK	3623	Algemeen boekhouden		Van Herck G;Lefebvre C;G;	Van Herck,G;Lefebvre,C;Gaeremync	1992		1	565			3de herziene en vermeerderd	
111	BOOK	3626	Algemeen boekhouden		Van Herck G;Lefebvre C;G;	Van Herck,G;Lefebvre,C;Gaeremync	1991						1ste druk	
112	BOOK	3769	Groei en onkruid in de we		Baeck L;	Baeck,L;	1972		1	194				
113	BOOK	3771	Een economie voor de m		Baeck L;	Baeck,L;	1974		1	80				
114	BOOK	3772	Europa zwanger van Ame		Baeck L;	Baeck,L;	1974		1	134				
115	BOOK	3775	D		Baeck L;	Baeck,L;	1972		1	225				



# Behind the Scenes

To ...

```
<?xml version="1.0" encoding="UTF-8"?>
<dublin_core>
<dcvalue element="relation" qualifier="ispartofseries">Proceedings of the European Conference on Biomaterials pages:86-</
dcvalue>
<dcvalue element="type">Description (Metadata) only</dcvalue>
<dcvalue element="type" qualifier="KULpublicationtype">IC</dcvalue>
<dcvalue element="type" qualifier="template">conference_paper</dcvalue>
<dcvalue element="title">Active metal brazing for joining glas-ceramic to titanium</dcvalue>
<dcvalue element="contributor" qualifier="author">Rocha, L</dcvalue>
<dcvalue element="contributor" qualifier="author">Barbosa, M</dcvalue>
<dcvalue element="contributor" qualifier="author">Puers, Robert; U0003646</dcvalue>
<dcvalue element="import" qualifier="validator">Puers, Robert; U0003646; 50000516</dcvalue>
<dcvalue element="relation" qualifier="ispartofconferenceseries">European Conference on Biomaterials location:Porto, Portugal
date:September 10-13</dcvalue>
<dcvalue element="date" qualifier="issued">1995</dcvalue>
</dublin_core>
```



# Behind the Scenes

- ✦ Crafting inputforms.xml
- ✦ The Art of Importing
  - ✦ Predefined CSV formatting rules
  - ✦ Import on test server for evaluating and optimizing
- ✦ Safe workflow learning environment



# Challenges

- ✦ Involvement of Researchers
- ✦ University: A Diverse and Complex Landscape
- ✦ Future use and Metrics
  - ✦ Harvesting between association partners
  - ✦ Citations & Impact factors



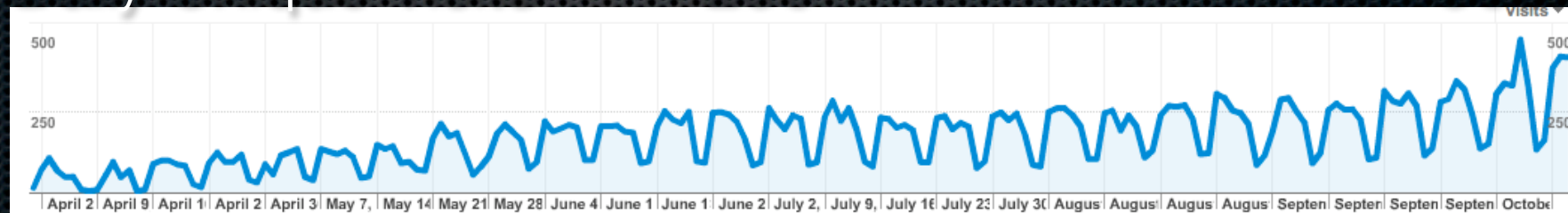
# Usage Statistics

- ✦ +1500 e-persons
- ✦ 28 of 50 departments rolled out
- ✦ Already 68% of traffic generated by Search Engines

Daily Unique Visits

250

500



# Conclusions

- ✦ Lirias as a management information tool ?
  - ✦ Objective reached
- ✦ Lirias as an open access repository ?
  - ✦ Not there yet
  - ✦ Infrastructure in place to support deposit mandate





# Questions and Answers

Thank you for your attention

