Biblioteka Główna Politechniki Warszawskiej

From an institutional repository to the Base of Knowledge - case study

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Weronika KUBRAK

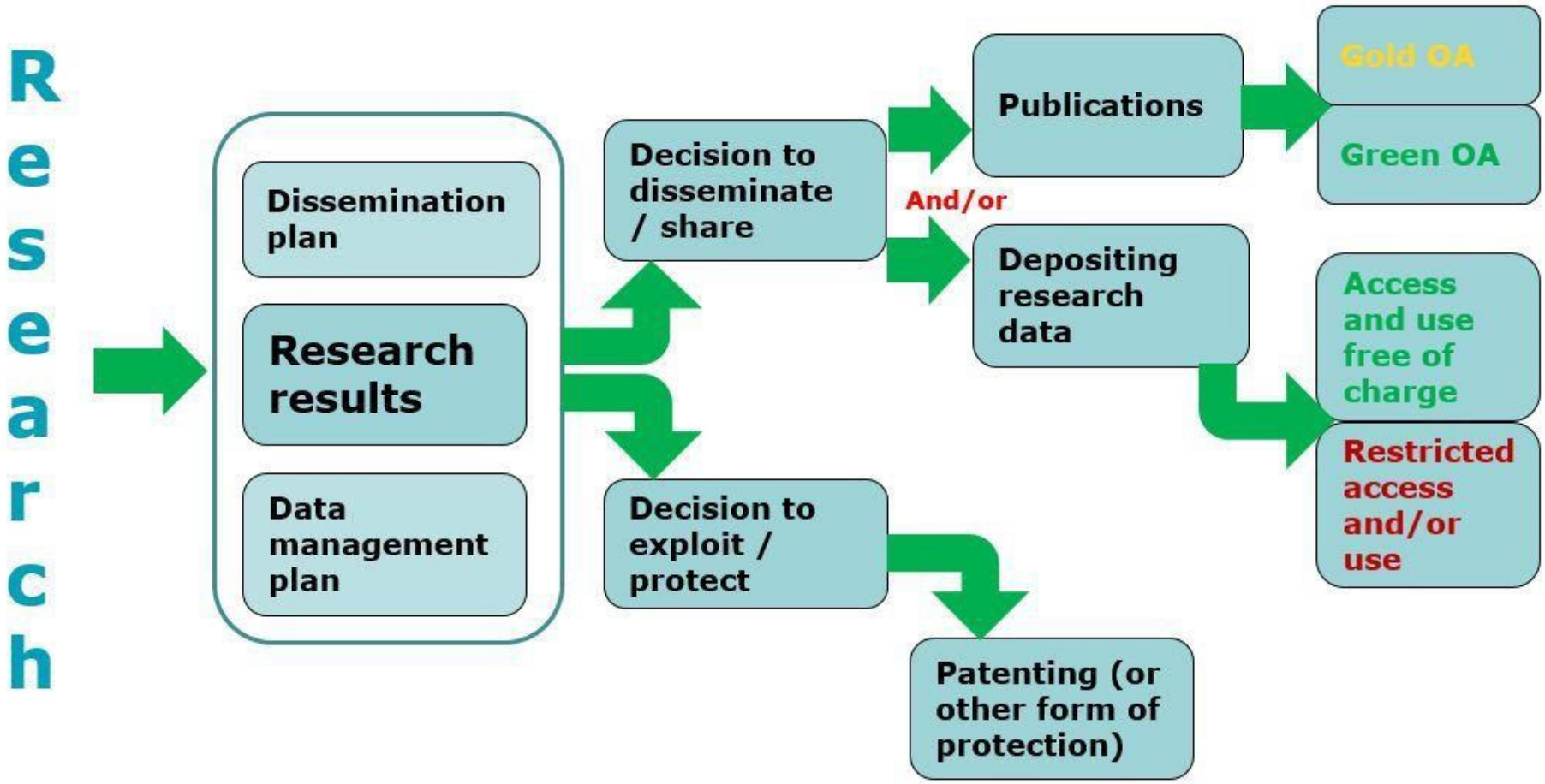
Prague 21.10.2015

How it began?

- „Bibliografia publikacji pracowników Politechniki Warszawskiej” - researcher output (1944-1986)
- BIBLIO – researcher output
- DOKTO – PhD theses
- Warsaw University of Technology Digital Library – collecting documents about:
  - History of Science and Technology
  - History of Warsaw University of Technology
  - Output of Main Library Staff
  - etc.

- Each faculties use their own systems to register the researcher output

Researcher what do we have from you?



Enhanced publications in V4 countries. Report *Edith Görögh [et alli]. December 2014*

What do we archive in institutional repositories?

- Books and chapters
- Journal papers
- Conference proceedings
- Engineer's, Bachelor's and Master's theses
- PhD theses

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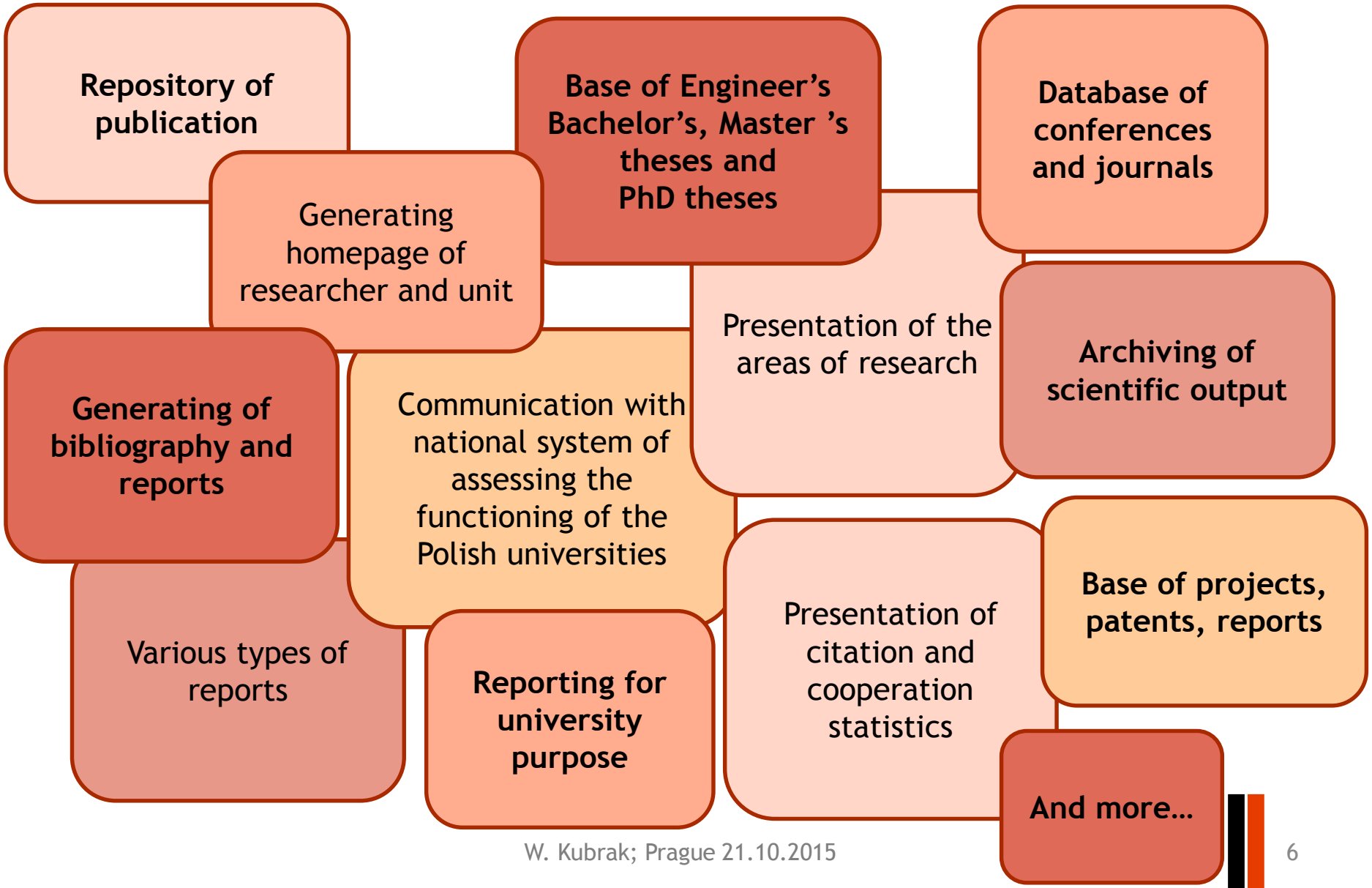
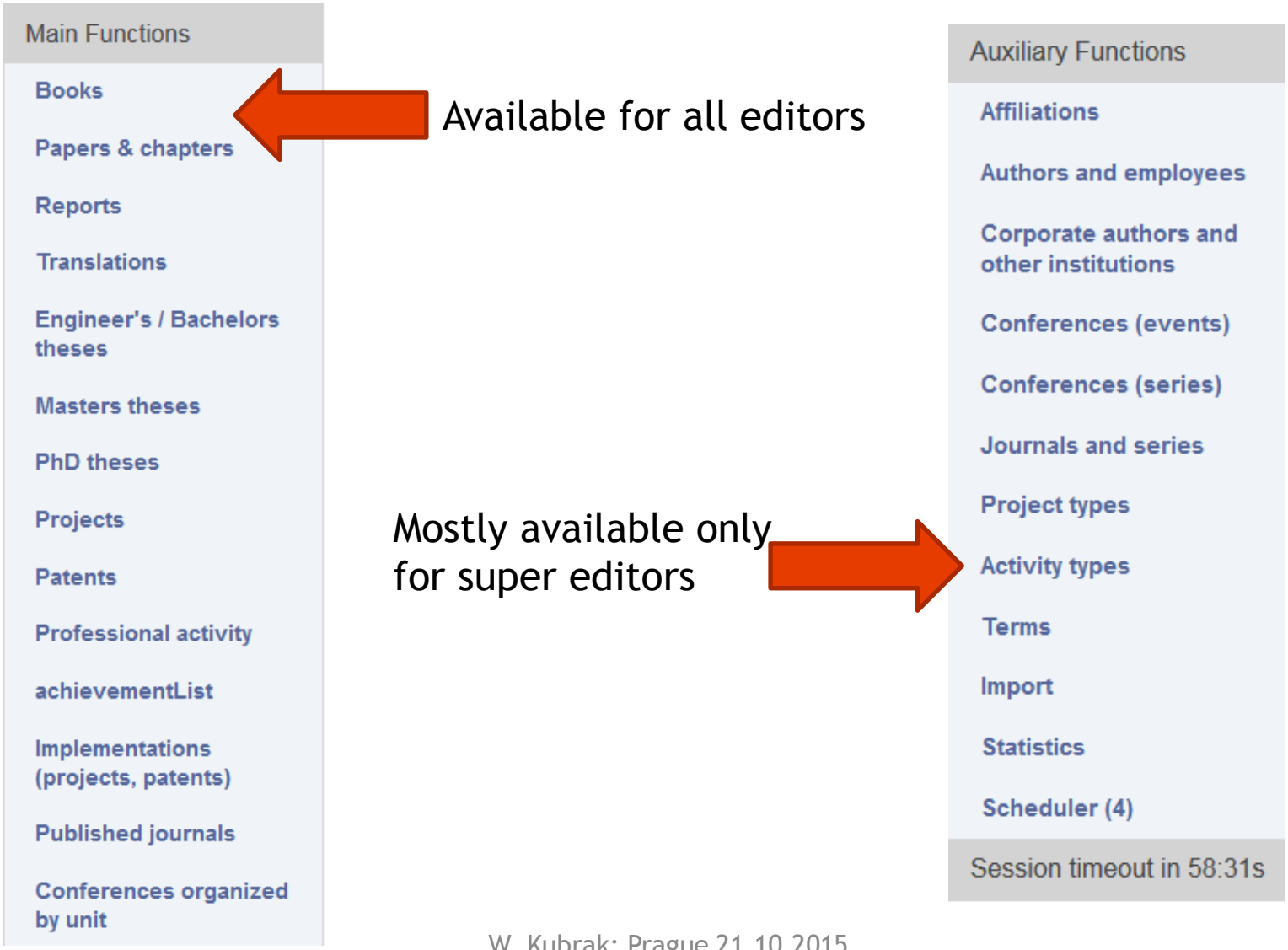
WE NEED MORE THAN JUST INSTITUTIONAL REPOSITORY

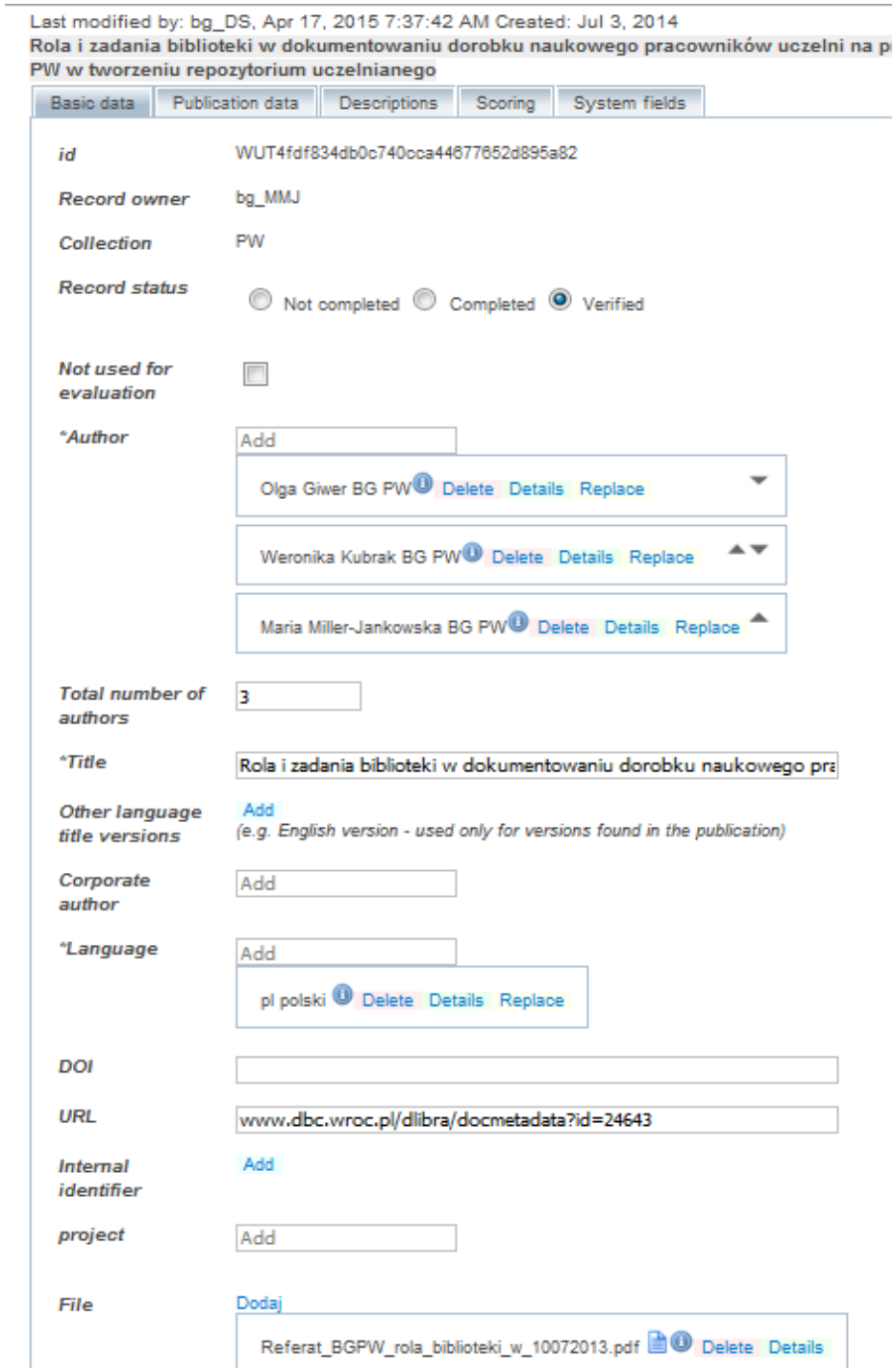
Capabilities of the OMEGA-PSIR system



What and how do we exactly archive?



Example of Papers & chapters


Last modified by: bg_DS, Apr 17, 2015 7:37:42 AM Created: Jul 3, 2014
Rola i zadania biblioteki w dokumentowaniu dorobku naukowego pracowników uczelni na p
PW w tworzeniu repozytorium uczelnianego

Basic data | Publication data | Descriptions | Scoring | System fields

id WUT4fdf834db0c740cca44677652d895a82

Record owner bg_MMJ

Collection PW

Record status Not completed / Completed / Verified

Not used for evaluation

**Author*
Olga Giwer BG PW Delete Details Replace
Weronika Kubrak BG PW Delete Details Replace
Maria Miller-Jankowska BG PW Delete Details Replace

Total number of authors 3

**Title* Rola i zadania biblioteki w dokumentowaniu dorobku naukowego pra

Other language title versions Add
(e.g. English version - used only for versions found in the publication)

Corporate author

**Language*
pl polski Delete Details Replace

DOI

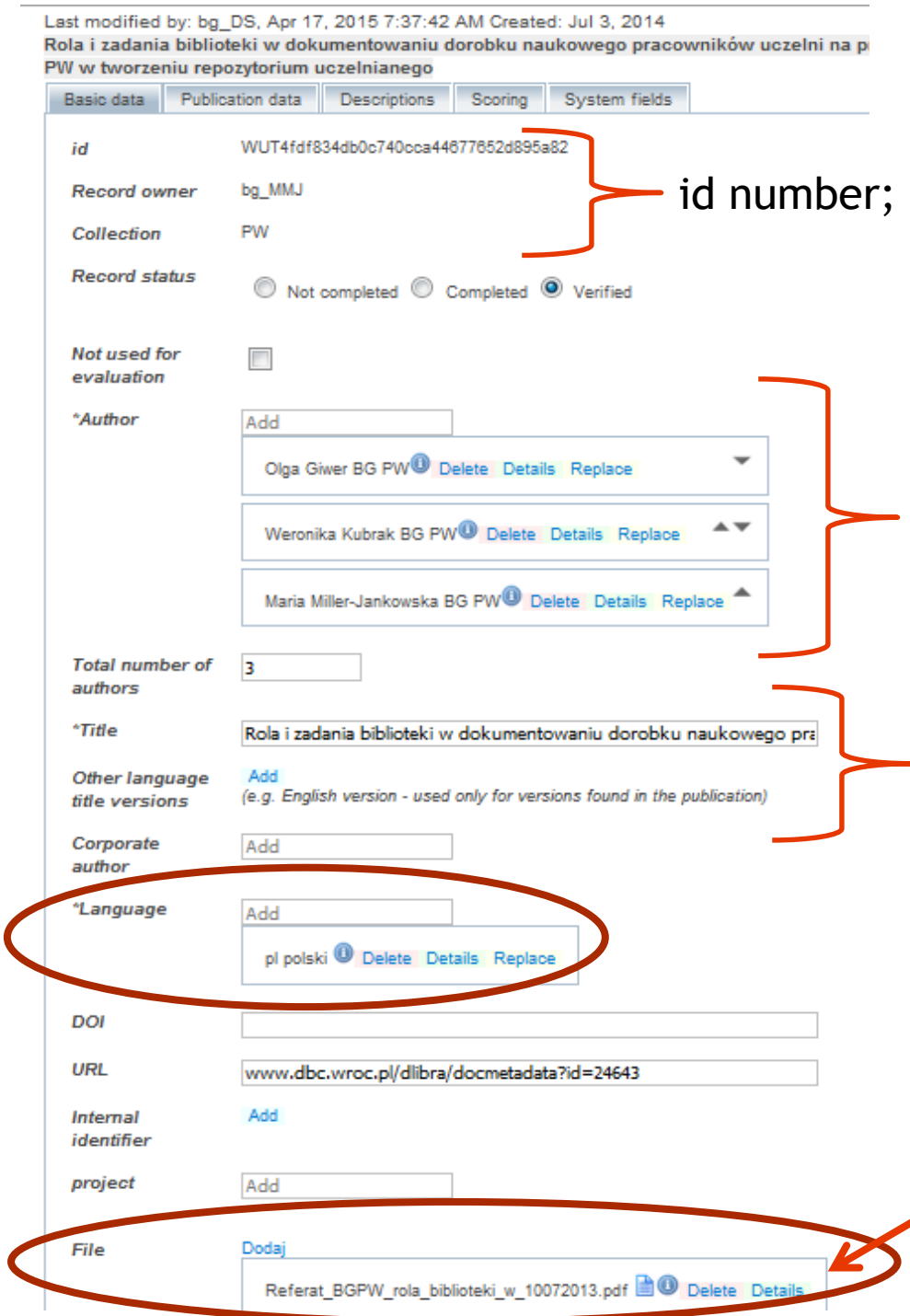
URL www.dbc.wroc.pl/dlibra/docmetadata?id=24643

Internal identifier Add

project

File Dodaj
Referat_BGPW_rola_biblioteki_w_10072013.pdf Delete Details

Example of Papers & chapters

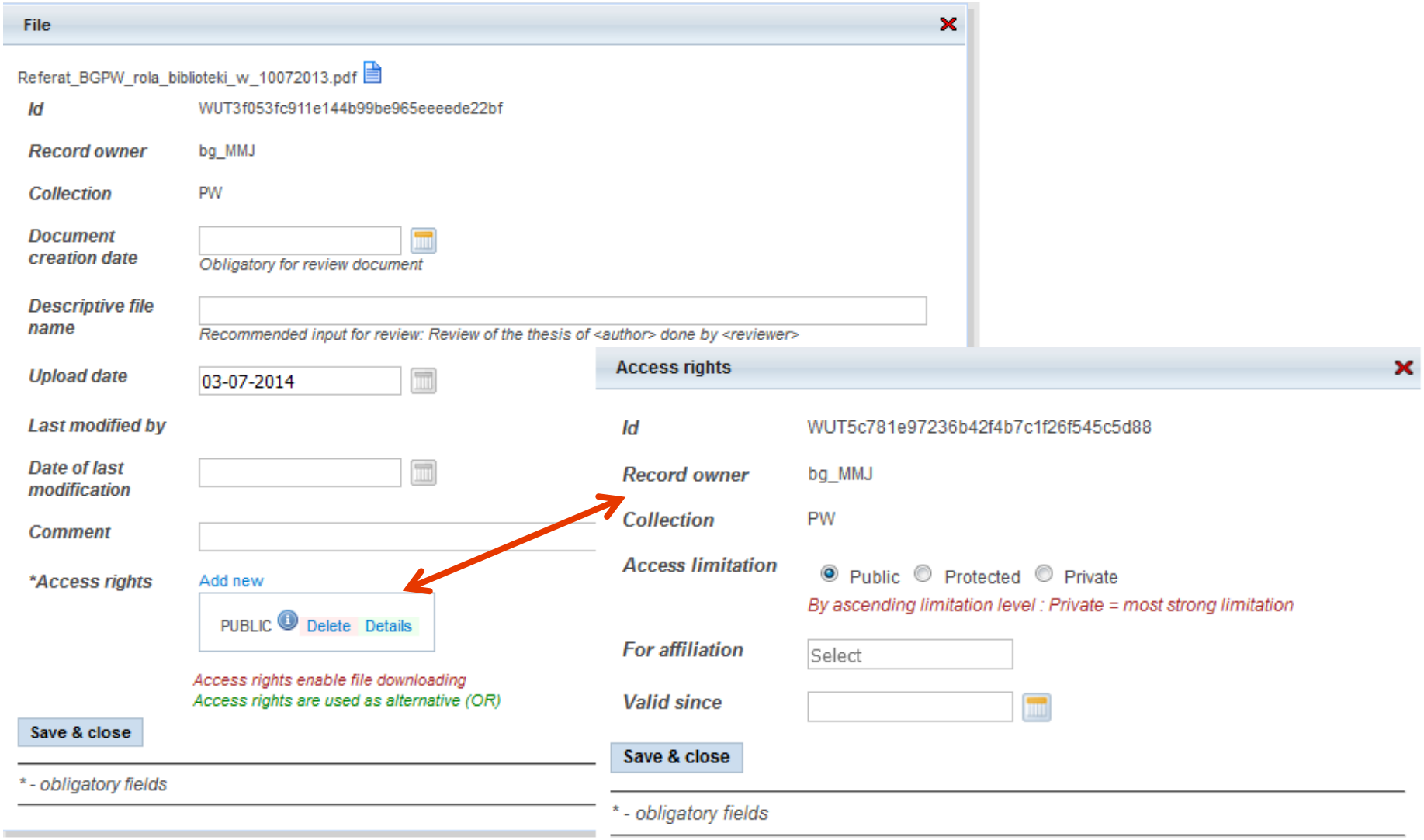


id number; record owner

repeatable field

different versions of the title

Full text



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Rola i zadania biblioteki w dokumentowaniu dorobku naukowego pracowników uczelni na przykładzie udziału Biblioteki Głównej PW w tworzeniu repozytorium uczelnianego

Olga Giwer, Weronika Kubrak, Maria Miller-Jankowska

Abstract

The paper presents difficulties that the Main Library of the Warsaw University of Technology had to overcome in order to participate in developing and then to provide functional and professional supervision of the Warsaw University of Technology central system of filing and archiving the scientific outputs and the WUT repository. For the last two years, the Library has been cooperating with the Faculty of Electronics and Information Technology (FEIT) which created the faculty repository. In addition to its basic functions such as collecting, sharing, and archiving publications, the repository gives other opportunities like using the data for surveys, reporting and evaluating of the output. Years of hard work, good cooperation with the FEIT and multifunctional repository software developed by the Institute of Computer Science helped to convince the WUT authorities to start the project. All these efforts resulted in the WUT Senate resolution in November 2012, establishing the WUT Repository. The resolution was prepared by the Main Library and it adopted Rules for creating a central system of recording and archiving achievements related to scientific outputs and teaching of the academic staff, doctoral students and students of the University and establishing the Repository of the Warsaw University of Technology.

Author	Olga Giwer BG PW, Weronika Kubrak BG PW, Maria Miller-Jankowska BG PW
Pages	95-106
Book	Dudziak, D., Ziółek M. (*eds.*): IV Wrocławskie Spotkania Bibliotekarzy, 2014, Oficyna Wydawnicza Politechniki Wrocławskiej, ISBN 978-83-7493-843-3, 457 p.
Keywords in Polish	repozytoria, baza wiedzy, repozytoria uczelniane, dorobek naukowy, otwarty dostęp
Keywords in English	repositories, base of knowledge, university repository, open access
Abstract in Polish	Podjęto próbę pokazania trudnej i pełnej przeszkód drogi, jaką Biblioteka Główna PW musiała pokonać, aby móc współtworzyć i nadzorować merytorycznie funkcjonowanie powstającego obecnie na Politechnice Warszawskiej centralnego systemu ewidencji i archiwizacji dorobku naukowego i repozytorium PW. Od dwóch lat Biblioteka współpracuje z Wydziałem Elektroniki i Technik Informacyjnych (WEiTI), który opracował i uruchomił na swoim wydziale repozytorium dorobku pracowników. Repozytorium poza podstawowymi funkcjami gromadzenia, udostępniania i archiwizowania publikacji ma wiele istotnych możliwości pozwalających wykorzystywać zgromadzone dane do ankietyzacji, raportowania, ocen parametrycznych. Wieloletnie starania, dobra współpraca z WEiTI oraz wielofunkcyjność oprogramowania repozytoryjnego autorstwa pracowników Instytutu Informatyki pozwoliły przychylnie nastawić do pomysłu nowo wybrane władze PW. Efektem jest uchwalona w listopadzie 2011 roku uchwała przygotowana przez Bibliotekę Główną – Zasady tworzenia centralnego systemu ewidencji i archiwizacji dorobku piśmienniczego, wydawniczego i dydaktycznego, pracowników, doktorantów, studentów i jednostek Uczelni oraz Repozytorium Politechniki Warszawskiej – powołująca do życia Repozytorium Instytucjonalne PW.
URL	www.dbc.wroc.pl/dlibra/docmetadata?id=24643
Language	pl polski
File	

Hypertext links to various information like:

- Researcher profile
- Full information about book
- URL and DOI
- Language

Researcher's profile

Profile | Publications | PhD | Projects | BSc and MSc | Activities | Citations | Statistics | Cooperation | Edit

Henryk Rybiński, PhD, DSc, Professor

Professor

The Institute of Computer Science

Faculty of Electronics and Information Technology

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Room no: 204

Consultations: Monday 14.00-16.00

Researcher Report	
Publications	104
PhD theses	14
Participation in projects	41
Supervised BSc and MSc theses	35
Professional activity	10

h-index*:12

MSc (1970), PhD (1974), DSc (1988), Tenured Professor (2001); Specialization: information systems, knowledge representation, data and text mining, databases, Professor, Director of the Institute (2008-), Head of Division of Information Systems (1994-2008), Co-ordinator of the Curriculum on Software Engineering and Information Systems (1994-2008), Co-ordinator of the Subject Class "Databases and Information Systems" (1995-2001), voting member of ACM and SIGMOD (1989-), Affiliate Member of IEEE (1990-1996); Member of several programme committees of international conferences and workshops, among others: IIS, ISMIS, IIPWM, AM, ISWC, RSFDGRC, RSKT, TKE, PKDD, PAKDD, MCD; member of CREST Working Group; expert and consultant of many UN agencies and European Commission; Member of Informatics Committee at Polish Academy of Science (2011-); Editorial Board Member of the Journal of Intelligent Information Systems (2012-); Editorial Board Member of the International Journal of Social Network Mining (2012-); Chair of the Rector's Committee for the strategy of developing ICT infrastructure for WUT in 2013-2020.

Profile presenting the characteristics of the Faculty

Profile | Statistics | Top employees | Internal cooperation | External cooperation

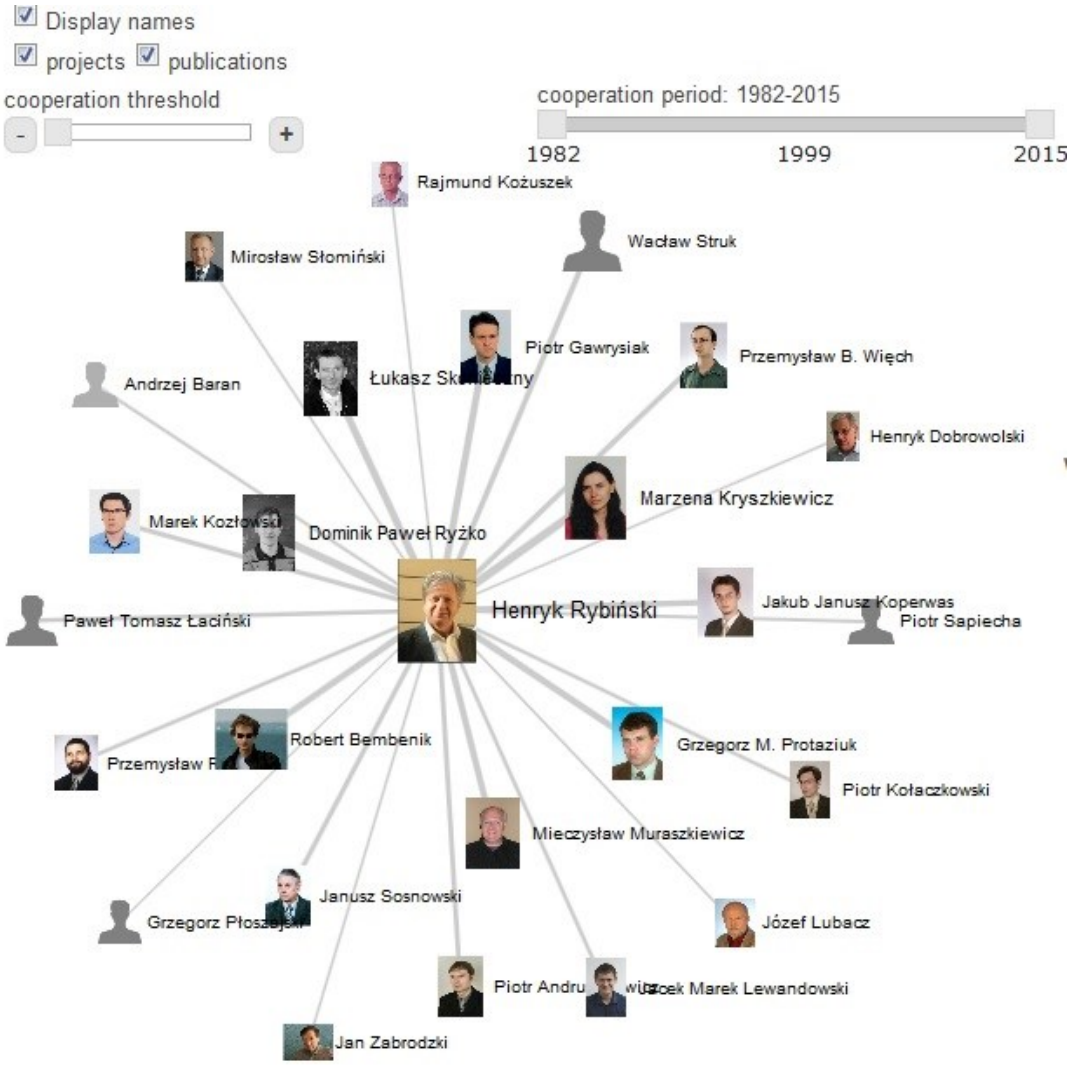
Faculty of Electronics and Information Technology
Warsaw University of Technology
Homepage

Professors	77
Assistant Professors	198
Other Staff	231
PhD students	159
Publications	16370
Supervised PhD theses	592
Participation in projects	768
Supervised BSc theses	4513
Supervised MSc theses	5060
Patents	146

The Faculty of Electronics and Information Technology acts in the following research areas:

- acoustics and engineering acoustics
- automatics and telemechanics
- information technology
- electronics
- radiology and medical electronics
- radio engineering
- technology of telecommunication devices
- communication engineering
- wire transmission.

Cooperation graph in researcher's profile



Citations

Profile | Publications | PhD | Projects | BSc and MSc | Activities | **Citations** | Statistics | Cooperation

Henryk Rybiński, PhD, DSc, Professor

Professor

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Faculty of Electronics and Information Technology

Email: H.Rybinski@ii.pw.edu.pl

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Room no: 204

Consultations: Monday 14.00-16.00

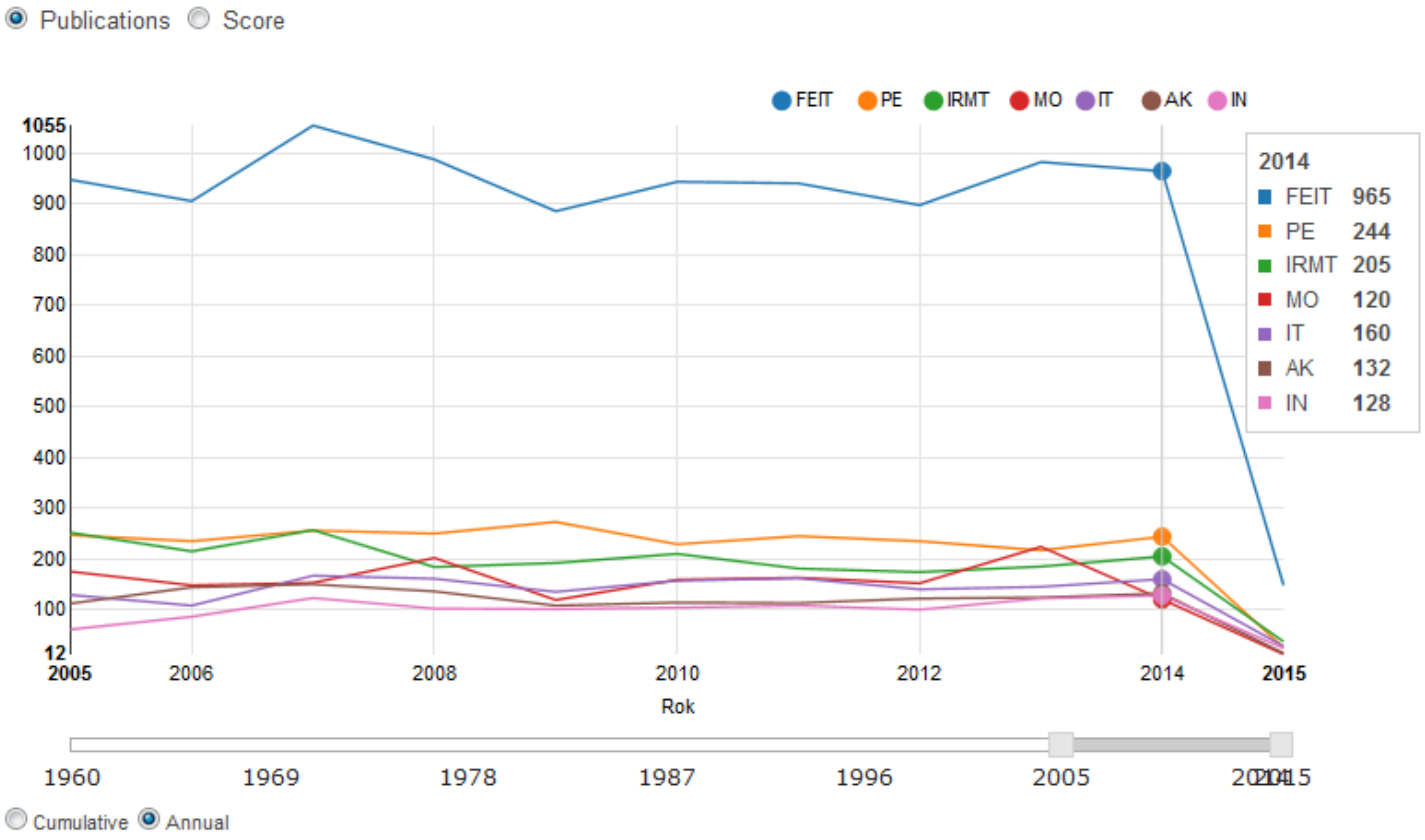
hindex = 12, cited by total = 501

no	pub	title	cited	date
1		Finding Reducts in Composed Information Systems	67	28/09/2015
2		On first order logic databases	33	28/09/2015
3		Reducing information systems with uncertain attributes	32	28/09/2015
4		Computation of Reducts of Composed Information Systems	29	28/09/2015
5		Dataless transitions between concise representations of frequent patterns	26	28/09/2015
6		Data Mining in Incomplete Information Systems from Rough Set Perspective	26	28/09/2015
7		Intelligent Tools for Building a Scientific Information Platform	20	28/09/2015
8		Discovering Synonyms Based on Frequent Termsets	17	28/09/2015
9		Reducing Information Systems with Uncertain Real Value Attributes	17	28/09/2015
10		Text onto miner - a semi automated ontology building system	16	28/09/2015
11		Discovering Compound and Proper Nouns	15	28/09/2015
12		Incompleteness Aspects in Rough Set Approach	14	28/09/2015
		Knowledge sharing in default reasoning based multi-agent systems	12	28/09/2015
		Mining spatial association rules with no distance parameter	12	28/09/2015
		Discovering Word Meanings Based on Frequent Termsets	12	28/09/2015
		Automatic Index Selection in RDBMS by Exploring Query Execution Plan Space	12	28/09/2015
		Distributed default logic for multi-agent system	11	28/09/2015

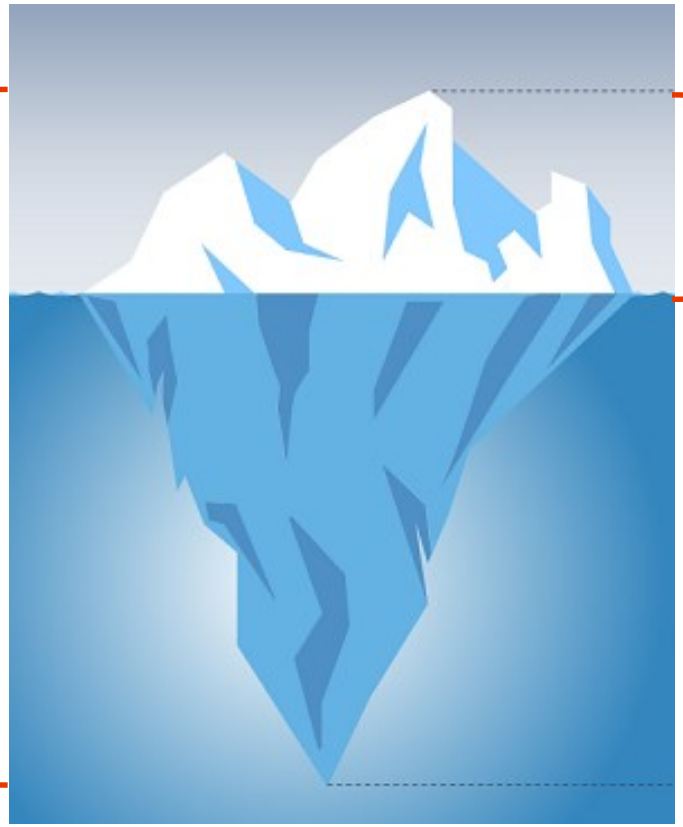
Presented value of the Hirsch index is approximative calculation obtained in the Repository based on the scientist's publications (including autocitations) in the Repository and Internet information analysis. The value is close to the value obtained with the Publish or Perish system. In general it is higher than the value given by the Scopus or Web of Science sites.

Statistics in faculty profile

Faculty of Electronics and Information Technology
Warsaw University of Technology
Homepage



Thank you for your attention



Presentation and conference paper

WUT
Base of Knowledge

Weronika KUBRAK

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