



**Biblioteka Główna**  
**Politechniki Warszawskiej**

# Cesta od institucionálního repozitáře k bázi znalostí - případová studie

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**Weronika KUBRAK**

Praha 21.10.2015



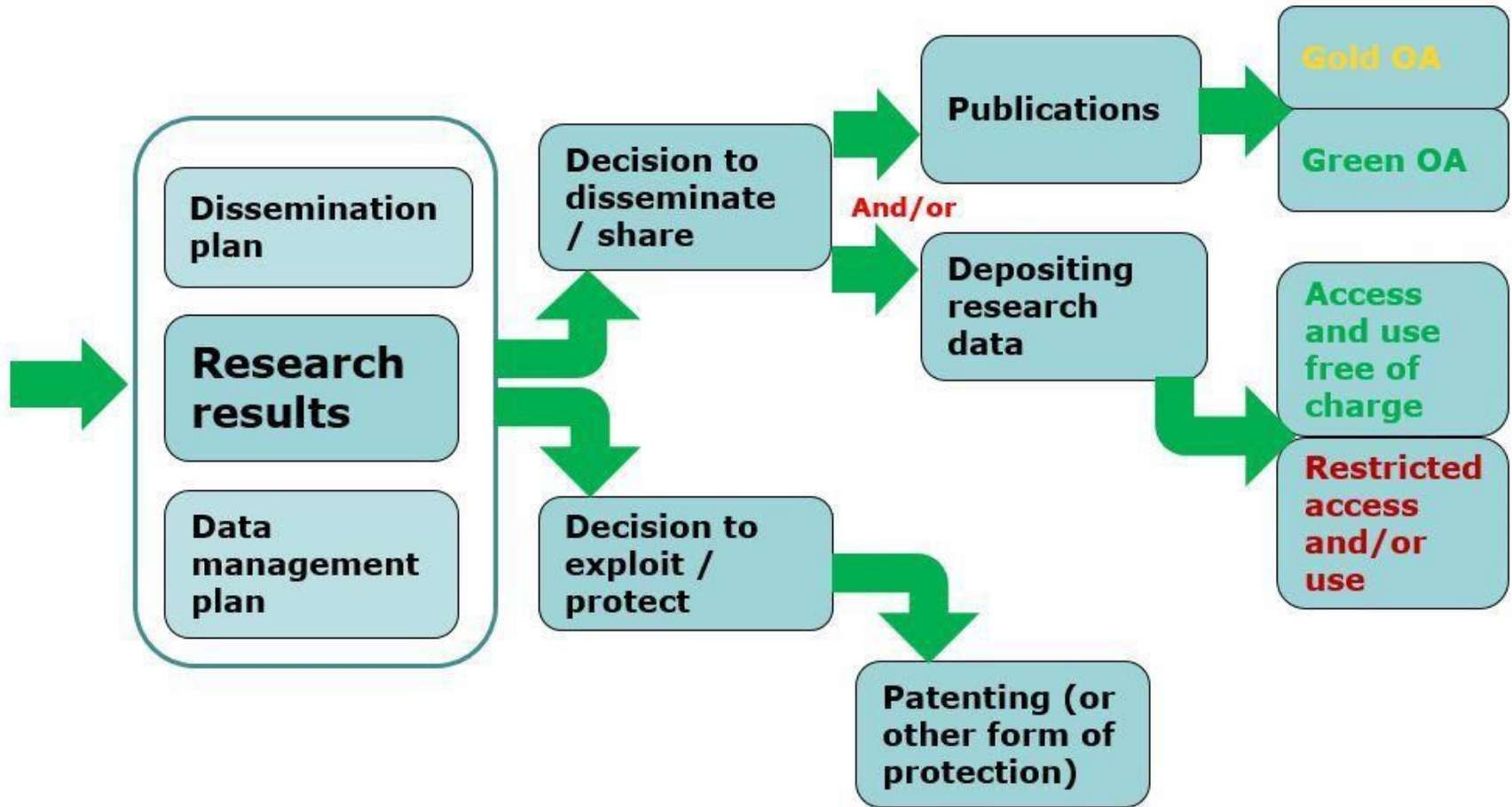
# Jak to začalo?

- „Bibliografia publikacji pracowników Politechniki Warszawskiej” - výstupy výzkumníků (1944-1986)
- BIBLIO - výstupy výzkumníků
- DOKTO - disertace
- Warsaw University of Technology Digital Library - sbírka dokumentů z oblasti:
  - Historie vědy a techniky
  - Historie Technické univerzity ve Varšavě
  - Výstupy zaměstnanců Hlavní knihovny
  - atd.
- Každá fakulta užívá vlastní systém pro registraci výstupů výzkumníků



# Researcher what do we have from you?

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



# Co archivujeme v institucionálním repozitáři?

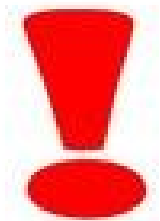
- Monografie a kapitoly
- Články z časopisů
- Konferenční příspěvky
- Bakalářské a magisterské práce
- Disertace





# Co archivujeme v institucionálním repozitáři?

- Monografie a kapitoly
- Články z časopisů
- Konferenční příspěvky
- Bakalářské a magisterské práce
- Disertace

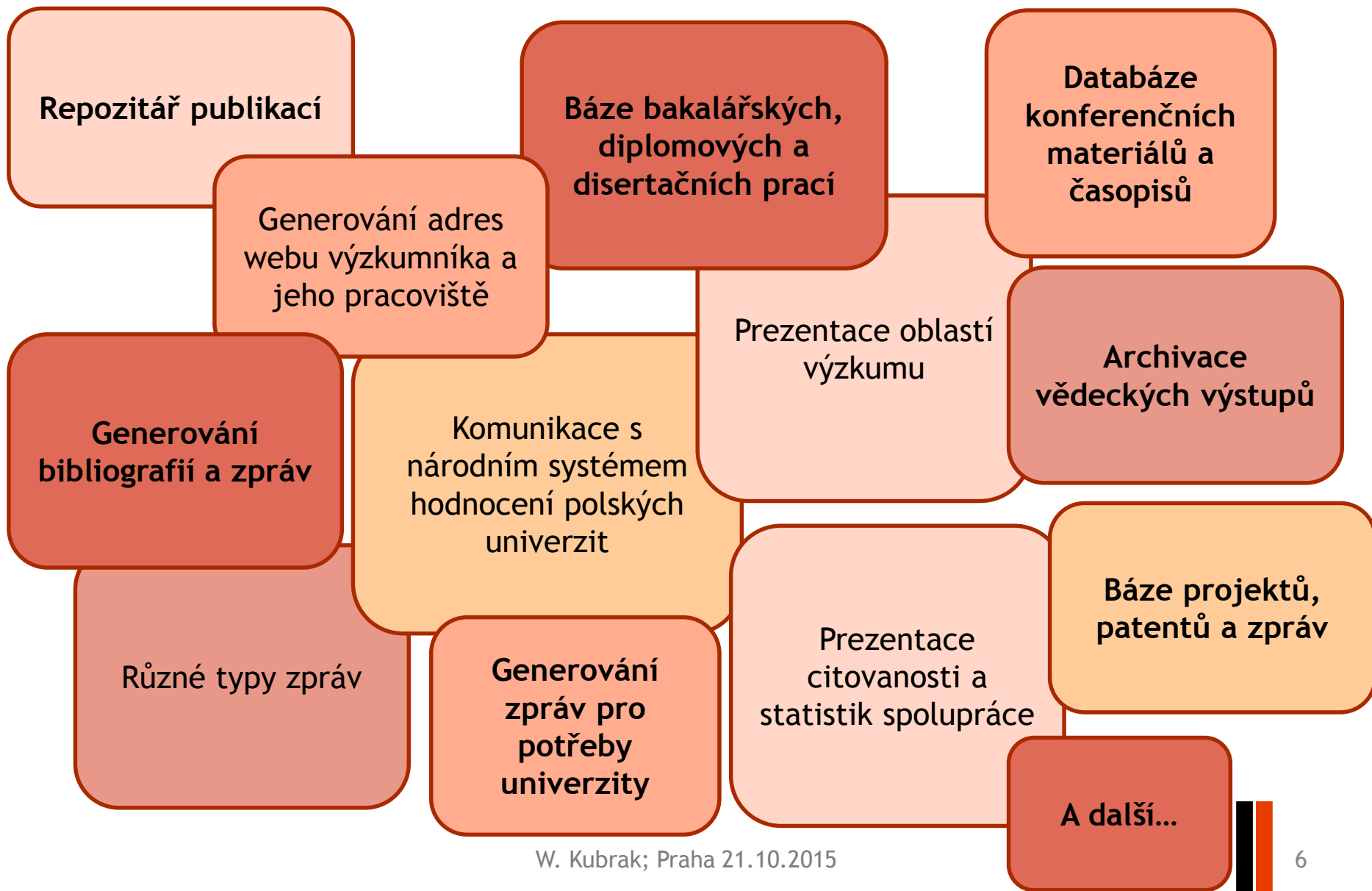


**POTŘEBUJEME VÍC NEŽ  
INSTITUCIONÁLNÍ REPOZITÁŘ**



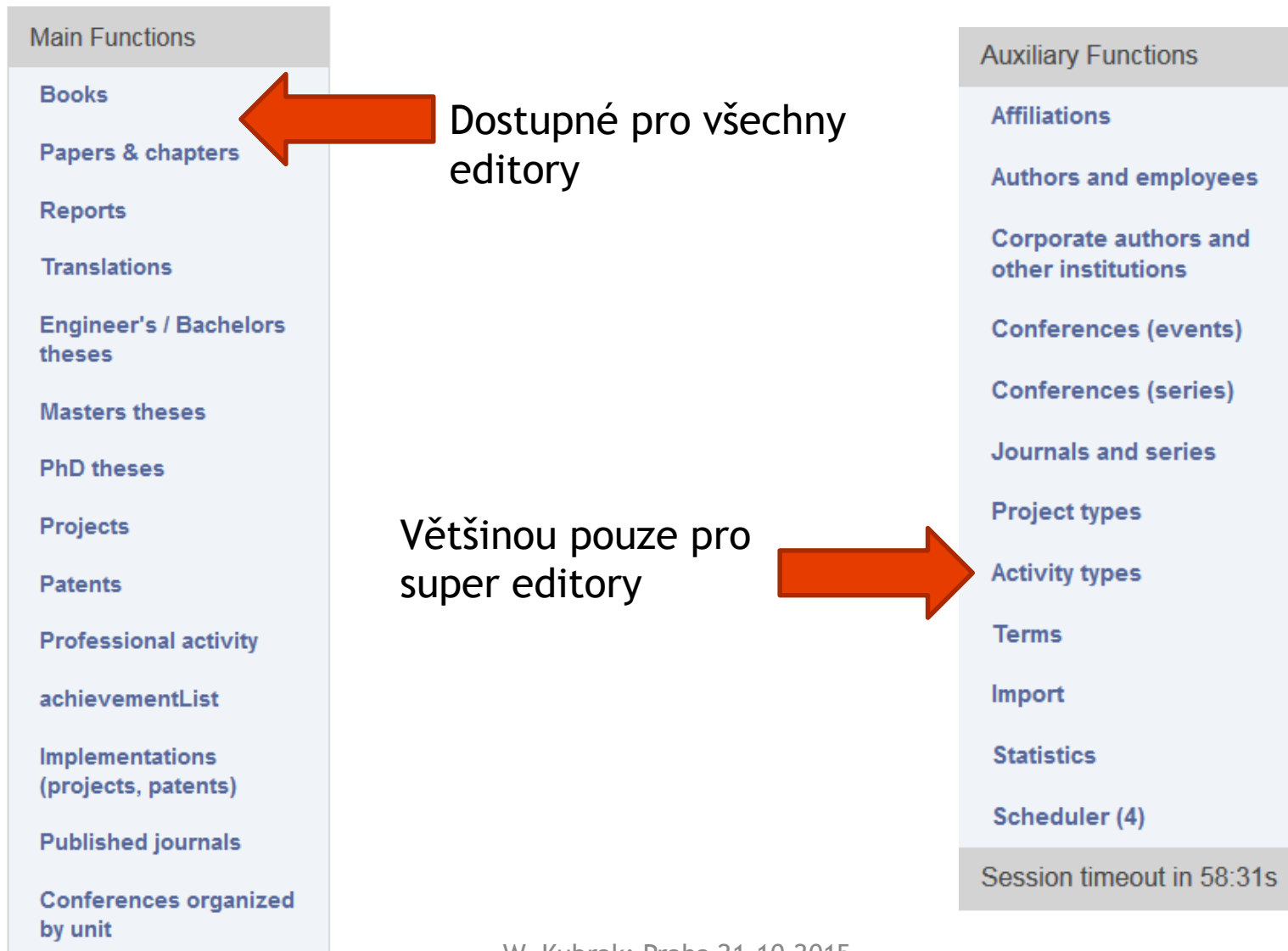


# Možnosti OMEGA-PSIR systému





# Co a jak archivujeme?



| Basic data                           | Publication data                                                                                                                                                                                                                                                                                                                         | Descriptions | Scoring | System fields |
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| <b>id</b>                            | WUT4fdf834db0c740cca44677652d895a82                                                                                                                                                                                                                                                                                                      |              |         |               |
| <b>Record owner</b>                  | bg_MMJ                                                                                                                                                                                                                                                                                                                                   |              |         |               |
| <b>Collection</b>                    | PW                                                                                                                                                                                                                                                                                                                                       |              |         |               |
| <b>Record status</b>                 | <input type="radio"/> Not completed <input type="radio"/> Completed <input checked="" type="radio"/> Verified                                                                                                                                                                                                                            |              |         |               |
| <b>Not used for evaluation</b>       | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                 |              |         |               |
| <b>*Author</b>                       | <div>Add</div> <div>Olga Giwer BG PW <a href="#">Delete</a> <a href="#">Details</a> <a href="#">Replace</a></div> <div>Weronika Kubrak BG PW <a href="#">Delete</a> <a href="#">Details</a> <a href="#">Replace</a></div> <div>Maria Miller-Jankowska BG PW <a href="#">Delete</a> <a href="#">Details</a> <a href="#">Replace</a></div> |              |         |               |
| <b>Total number of authors</b>       | <input type="text" value="3"/>                                                                                                                                                                                                                                                                                                           |              |         |               |
| <b>*Title</b>                        | <input type="text" value="Rola i zadania biblioteki w dokumentowaniu dorobku naukowego pra"/>                                                                                                                                                                                                                                            |              |         |               |
| <b>Other language title versions</b> | <a href="#">Add</a><br>(e.g. English version - used only for versions found in the publication)                                                                                                                                                                                                                                          |              |         |               |
| <b>Corporate author</b>              | <input type="text" value="Add"/>                                                                                                                                                                                                                                                                                                         |              |         |               |
| <b>*Language</b>                     | <div>Add</div> <div>pl polski <a href="#">Delete</a> <a href="#">Details</a> <a href="#">Replace</a></div>                                                                                                                                                                                                                               |              |         |               |
| <b>DOI</b>                           | <input type="text"/>                                                                                                                                                                                                                                                                                                                     |              |         |               |
| <b>URL</b>                           | <input type="text" value="www.dbc.wroc.pl/dlibra/docmetadata?id=24643"/>                                                                                                                                                                                                                                                                 |              |         |               |
| <b>Internal identifier</b>           | <a href="#">Add</a>                                                                                                                                                                                                                                                                                                                      |              |         |               |
| <b>project</b>                       | <input type="text" value="Add"/>                                                                                                                                                                                                                                                                                                         |              |         |               |
| <b>File</b>                          | <a href="#">Dodaj</a><br>Referat_BGPW_rola_biblioteki_w_10072013.pdf <a href="#">Delete</a> <a href="#">Details</a>                                                                                                                                                                                                                      |              |         |               |

## Příklad záznamu příspěvku & kapitoly

## Příklad záznamu příspěvku & kapitoly

| Basic data                           | Publication data                                                                                                                                                                                                                                                                                                                         | Descriptions | Scoring | System fields |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|---------------|
| <b>id</b>                            | WUT4fdf834db0c740cca44677652d895a82                                                                                                                                                                                                                                                                                                      |              |         |               |
| <b>Record owner</b>                  | bg_MMJ                                                                                                                                                                                                                                                                                                                                   |              |         |               |
| <b>Collection</b>                    | PW                                                                                                                                                                                                                                                                                                                                       |              |         |               |
| <b>Record status</b>                 | <input type="radio"/> Not completed <input type="radio"/> Completed <input checked="" type="radio"/> Verified                                                                                                                                                                                                                            |              |         |               |
| <b>Not used for evaluation</b>       | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                 |              |         |               |
| <b>*Author</b>                       | <div>Add</div> <div>Olga Giwer BG PW <a href="#">Delete</a> <a href="#">Details</a> <a href="#">Replace</a></div> <div>Weronika Kubrak BG PW <a href="#">Delete</a> <a href="#">Details</a> <a href="#">Replace</a></div> <div>Maria Miller-Jankowska BG PW <a href="#">Delete</a> <a href="#">Details</a> <a href="#">Replace</a></div> |              |         |               |
| <b>Total number of authors</b>       | 3                                                                                                                                                                                                                                                                                                                                        |              |         |               |
| <b>*Title</b>                        | Rola i zadania biblioteki w dokumentowaniu dorobku naukowego pra                                                                                                                                                                                                                                                                         |              |         |               |
| <b>Other language title versions</b> | <div>Add</div> <div>(e.g. English version - used only for versions found in the publication)</div>                                                                                                                                                                                                                                       |              |         |               |
| <b>Corporate author</b>              | <div>Add</div>                                                                                                                                                                                                                                                                                                                           |              |         |               |
| <b>*Language</b>                     | <div>Add</div> <div>pl polski <a href="#">Delete</a> <a href="#">Details</a> <a href="#">Replace</a></div>                                                                                                                                                                                                                               |              |         |               |
| <b>DOI</b>                           | <div>Add</div>                                                                                                                                                                                                                                                                                                                           |              |         |               |
| <b>URL</b>                           | www.dbc.wroc.pl/dlibra/docmetadata?id=24643                                                                                                                                                                                                                                                                                              |              |         |               |
| <b>Internal identifier</b>           | <div>Add</div>                                                                                                                                                                                                                                                                                                                           |              |         |               |
| <b>project</b>                       | <div>Add</div>                                                                                                                                                                                                                                                                                                                           |              |         |               |
| <b>File</b>                          | <div>Dodaj</div> <div>Referat_BGPW_rola_biblioteki_w_10072013.pdf <a href="#">Delete</a> <a href="#">Details</a></div> <div>W. Kubrak; Braha 21.10.2015</div>                                                                                                                                                                            |              |         |               |

id číslo; vlastník záznamu

Opakovatelné pole

Různé verze názvu

Full text

File

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Id

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Record owner

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Document creation date

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W. Kubrak; Praha 21.10.2015

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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 Informatycznych (WEiT), 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 WEiT 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                 | <a href="http://www.dbc.wroc.pl/dlibra/docmetadata?id=24643">www.dbc.wroc.pl/dlibra/docmetadata?id=24643</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Language            | pl polski                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| File                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Hypertextové odkazy na různé informace, např.:

- Profil vědce
- Informace o knize
- URL a DOI
- Jazyk

Consultations: Monday 14.00-16.00

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

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 Co-ordinator of the Subject Class "Databases and Information Systems" Member of IEEE (1990-1996); Member of several programme committees of IIPWM, AM, ISWC, RSFDGRC, RSKT, TKE, PKDD, PAKDD, MCD; member of and European Commission; Member of Informatics Committee at Polish Academy of Sciences; Member of the International Association of Intelligent Information Systems (2012-); Editorial Board Member of the International Journal of Intelligent Information Systems; Member of the International Committee for the strategy of developing ICT infrastructure for WUT in 2013-2015.



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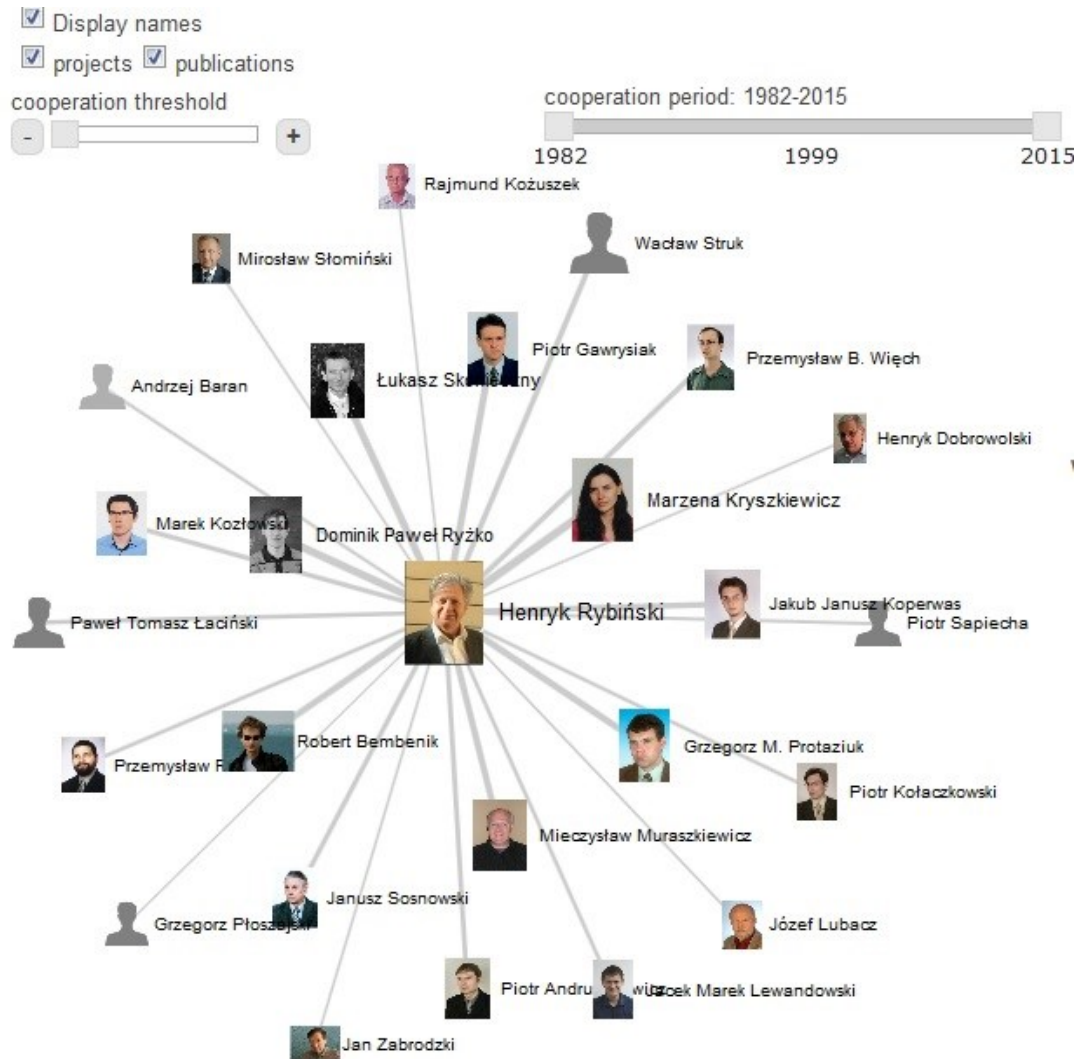
|                           |       |
|---------------------------|-------|
| Professors                | 77    |
| Assistant Professors      | 198   |
| Other Staff               | 231   |
| PhD students              | 159   |
| Publications              | 16370 |
| Supervised PhD theses     | 592 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

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





# Graf spolupráce v profilu výzkumníka





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 Room no: 204  
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index = 12, cited by total = 501

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

Znázorněná hodnota Hirschova indexu je založená na hrubém výpočtu získaném na základě publikací vědce (včetně autocitací) z Repozitáře díky internetové analýze informací. Hodnota se blíží výpočtu získanému pomocí systému Publish or Perish. Hodnota Hirschova indexu je obecně vyšší než hodnota uvedena na stránkách Scopus nebo Web of Science



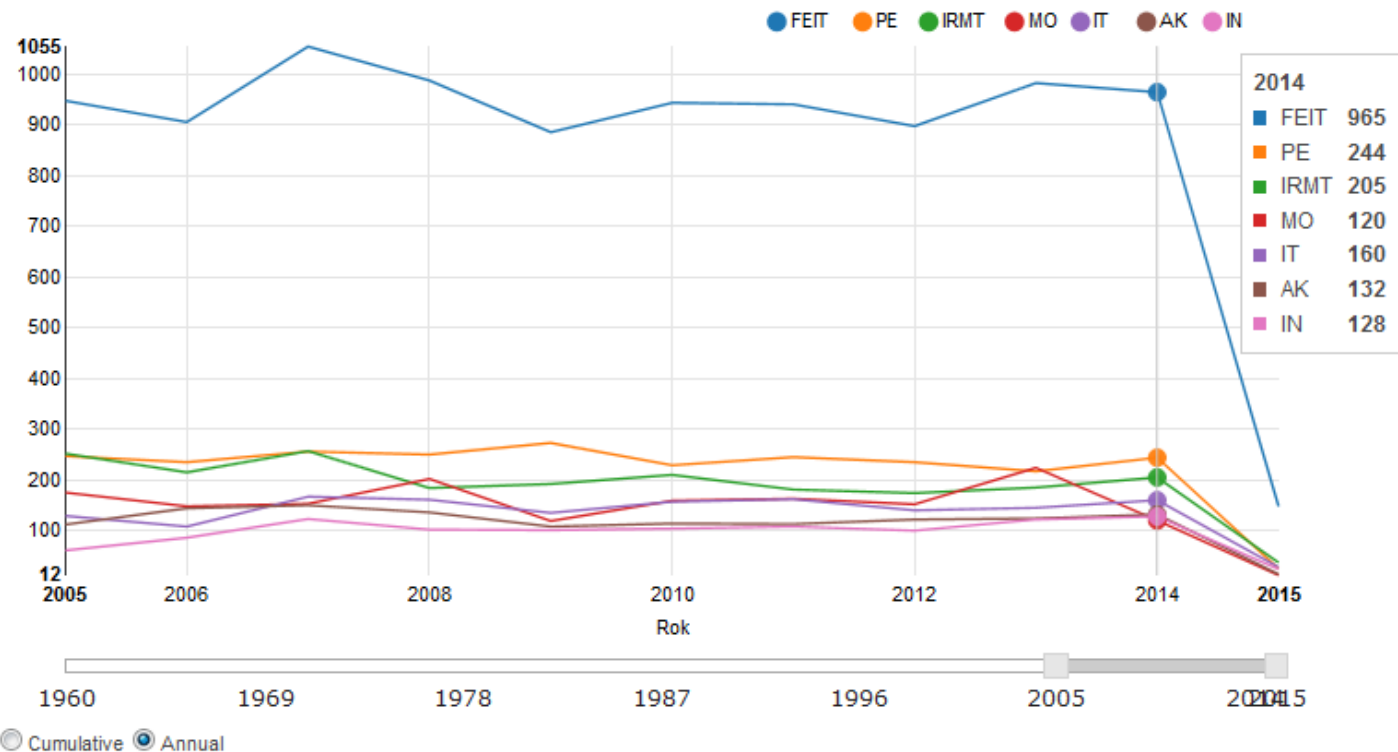
# Statistiky v profilu fakulty



Faculty of Electronics and Information  
Technology  
Warsaw University of Technology  
Homepage

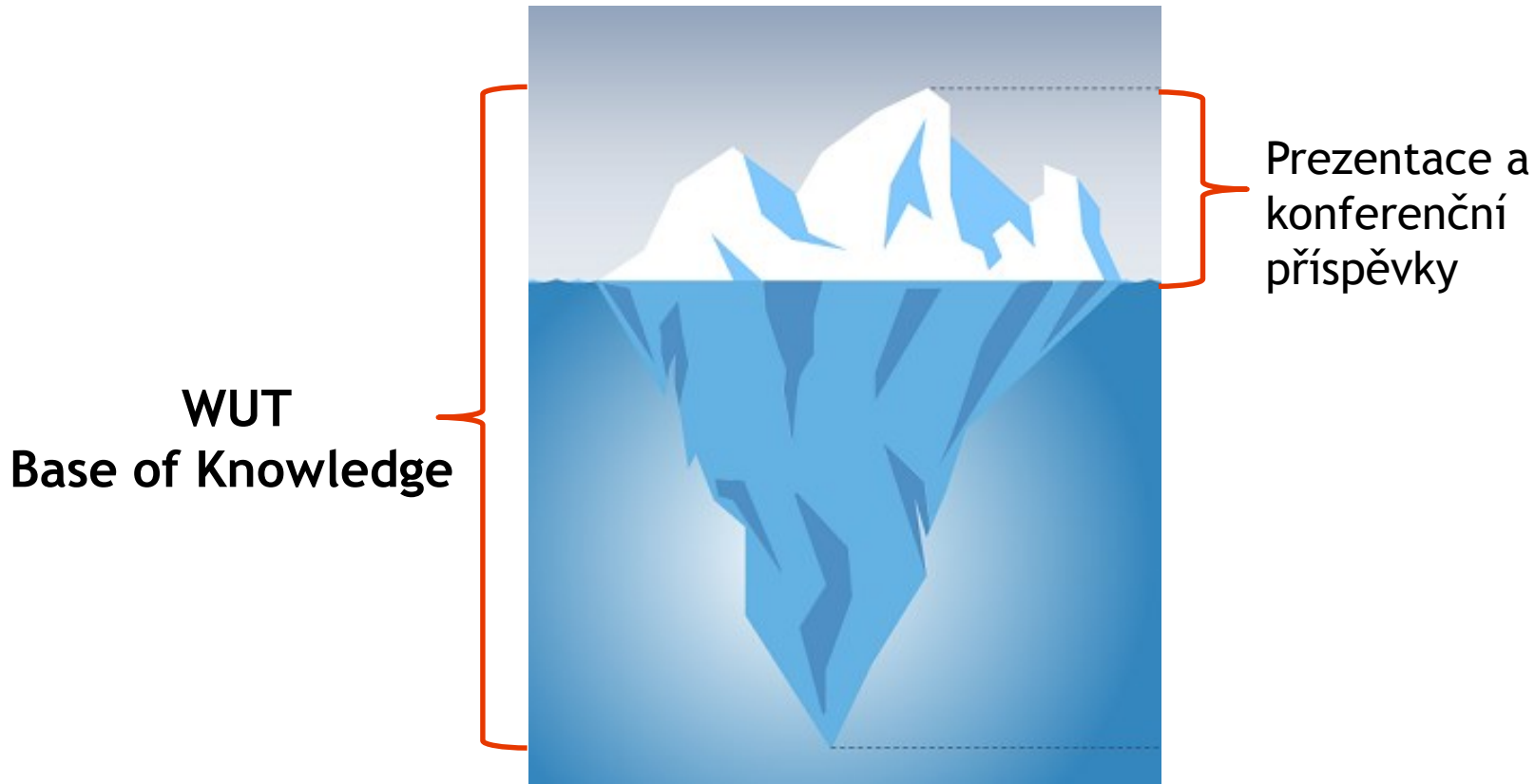
electronic systems materials control  
physics **technology** optics  
fpga optimization information techn...  
networks artificial intell... photonics optoelectronics

● Publications ● Score





# Děkuji za Vaši pozornost



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