

# IC-ININFO 2011

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Integrating a repository with research output and publications: the case of the National Technical University of Athens

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# Introduction

- The Central Library has established a new *Open Access Institutional Repository* (IR) on July 2007. The IR contains *Electronic Theses and Dissertations* (ETDs) combined with a submission tool/service and a growing collection of scientific publications.
  - Milestones:
    - IR pilot testing period (July 2007)
    - Evaluation was conducted (January 2008)
    - Conclusions were drawn, adjustments were made and new goals were set

# Initial steps

- Our *Digital Library* (DL) – DSpace installation
  - Unique Greek content digitized collection
  - Evolving *Institutional Repository* (IR)
    - Started with ETDs
    - Goal: the bulk of grey literature
- The challenge: IR integration with research output and publications
- NTUA Central Library's vision
  - To provide open access to grey literature
  - To promote scientific research
  - To promote the impact of the research output and publications

# Current steps

- We moved to the newest DSpace release (1.7.1) and simultaneously we obtained and prepared new hardware (April 2011)
- Since 2011 all university departments participate in IR
  - With all departments participating in IR we had 50 submissions per day (peak) during summer examination period
- We made a transition from a semi-automated metadata importing process into the main IR, to a fully automated one (batch)

# New challenge

- Gather all NTUA's scientific and technical digital content
- Two new collections were created
  - one for publications in scientific journals
  - another for conference publications or presentations (for conference papers, posters, etc.).

# Goals

Through the integrated IR, NTUA is pursuing the following goals:

- making the university scientific and research content available and visible from a single point,
- adding value to research results and outputs by promoting access and discoverability,
- guaranteeing long-term preservation of the scientific and academic content,
- supporting or helping the academic community with electronic publications.

# Submission “methods”

## Three choices

1. Upload publications using batch utilities
2. We provide a simple form containing the necessary descriptive metadata elements
3. Professors, researchers, etc., have the opportunity to register to the DSpace platform and submit their publications directly, via the personalized DSpace interface (my DSpace)

# Metadata form (choice 2)

Elements	Content	Notes
<b>Authors</b> (e.g. Petropoulos, George)		
<b>Title</b>		
<b>Date of Issue</b> (e.g. 2010)		
<b>Publisher</b> (e.g. Elsevier)		
<b>Citation</b> (e.g. Journal of Electrostatics, 62, no. 5 (2004), pp. 408-421.)		
<b>DOI</b>		
<b>Type</b> (e.g. Article, Conference paper)		
<b>Language</b>		
<b>School/Department</b>		

# Submission process (choice 3)

DSpace at NTUA (beta): Περιγράψτε το τεκμήριό σας - Windows Internet Explorer

http://dspace.lib.ntua.gr/submit

Google Search

Search Ask KMPower Hot KMP news Facebook Amazon YouTube Weather CNN Options

Secure Search McAfee

Favorites UNDERSEC FORUM (No S... Suggested Sites Web Slice Gallery

DSpace at NTUA (beta): Περιγράψτε το τεκμήριό...

Enter the names of the authors of this item below.

Επίθετο Όνομα(τα)  
π.χ. Παπαδόπουλος π.χ. Γιώργος

**Authors**

Enter the main title of the item.

**Title**

Please give the date of previous publication or public distribution below. You can leave out the day and/or month if they aren't applicable.

**Date of Issue** Μήνας: (Χωρίς μήνα) ▾ Ημερομηνία:  Έτος:

Enter the name of the publisher of the previously issued instance of this item.

**Publisher**

Enter the standard citation for the previously issued instance of this item.

**Citation**

Enter the doi citation for the previously issued instance of this item.

**Doi**

If the item has any identification numbers or codes associated with it, please enter the types and the actual numbers or codes below.

**Identifiers** Other ▾    
ISSN ▾

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# Conclusion

Making the research publications available through IR has several benefits for the academic and scientific community:

- Greater impact and increased access to research outputs.
- Enhanced research dissemination.
- Availability of the existing knowledge.
- Long-term preservation.