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Research in Context

In the light of recent results from OpenAIREplus and from the
Library perspective



Seminar to Access of Grey Literature 2013, National Technical Library , Prague





OpenAIRE

In a Nutshell

- European Scholarly Communication Data Infrastructure
 - FP7-OpenAIREplus (11/2011-05/2014) building on DRIVER and OpenAIRE
 - Implementing FP7 OA pilot; expanding to further funders
 - Support discovery of
 - funded research output
 - content from the network of Open Access repositories throughout Europe
- Human network support desk and technical infrastructure
- Working with three scientific partners
 - DANS for Social Sciences & Humanities
 - EMBL-EBI for Life Sciences
 - BADC for Earth Observational Data





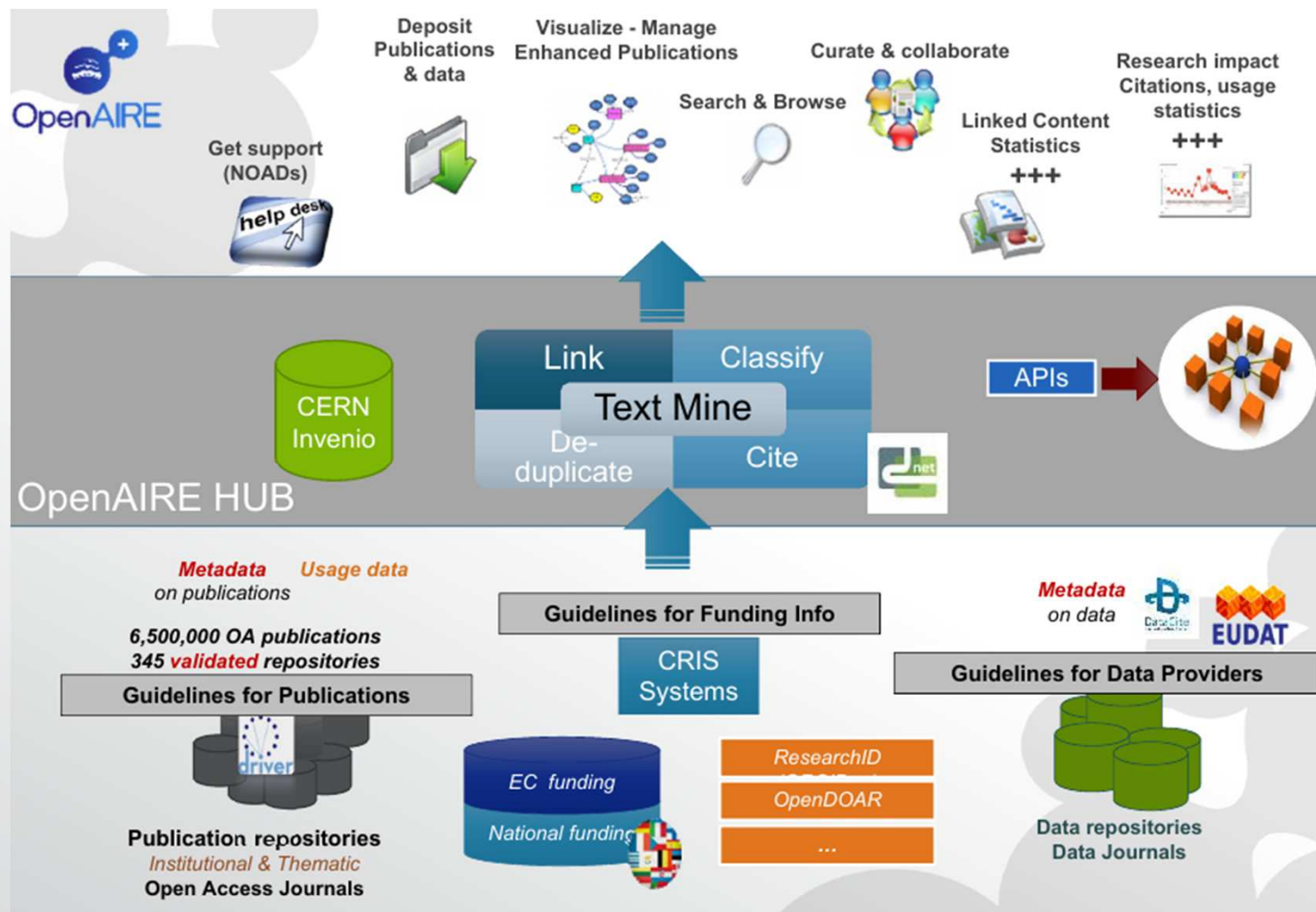
Aims

And some numbers

- Promoting Open Access to publications and data of European Research (and beyond)
 - ~6 mio publications (de-duplicated); ~60,000 linked to EC funding
 - ~26,000 projects from EU-FP7 & Wellcome Trust
 - Research data gets started to collect from Zenodo, DataCite, ...
- Measuring Impact for funders and research initiatives



Interoperable Infrastructure



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Collecting Data from External Sources

Authority Information from entity registries

Authoritative Information

- Project & Organization information
 - From EC CORDA
 - From Wellcome Trust
- Repository information
 - From OpenDOAR about institutional & thematic repositories
 - From re3data about research data repositories & archives

External Sources - Scientific Content

Scientific content from literature and data repositories. CRIS - data sources need to be Guidelines compatible with OpenAIRE

- Bibliographic metadata about publications (OAI-Profile DC)

- From the network of institutional and thematic repositories; aggregators

- Bibliographic metadata about research datasets (OAI-DataCite)

- From Zenodo (being OpenAIRE's repository for "long-tail" data)

- From DataCite metadata store; more to come

Inferring Content

Inference Framework complementing OpenAIRE's Information Space

- Given metadata and fulltext files as input
- Applying classification and text-mining algorithms
- To find relationships
 - Of publications to funded projects
 - Of publications with research datasets (!need of persistent identification)
 - Of publications with citations (list of bibliographic references)
 - Of publications with similar publications
- To find properties
 - Like title, author(s), affiliated organization(s)

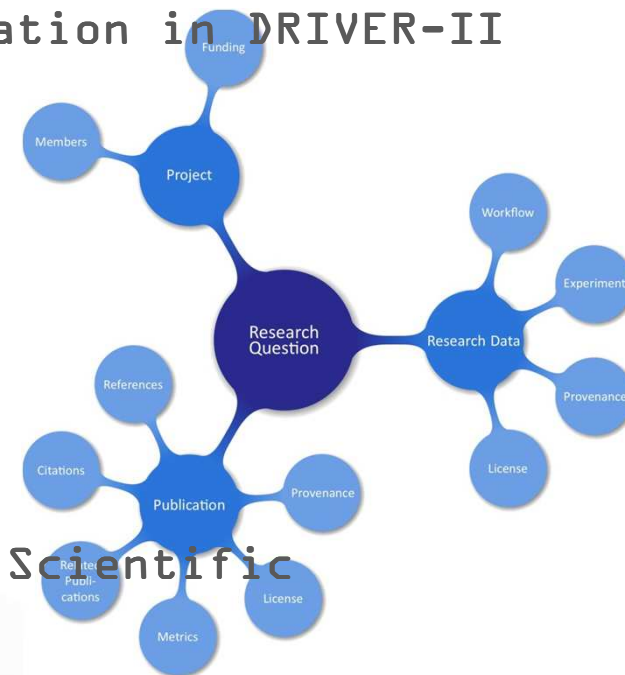
Publications to Research in Context

Extend the Definition of Enhanced Publication in DRIVER-II

- Publication that is enriched with
 - Research data
 - Extra materials
 - Post-publication data (e.g. comments)

By Provision of Context

- Links to funding information
- Classification of the Scientific Area (Scientific Context)
- Impact Measurements



What can Research Libraries do ?

Excursus on the approach at Bielefeld University

- Institutional repository / academic bibliography for publication management
- Part of campus networked research infrastructure
- Link to external bibliographic resources (e.g. WOS, EuropePMC)
 - For import (e.g. Open Access copies) and information enrichment (e.g. research data references)
- Link to research data services at the campus
- Consider future requirements on research data management of “long-tail” data

What can Research Libraries do ?

Linking with CITEC's Cognitive Interactive Toolkit



PUB University | International | Information for University from A-Z

[Back to previous page](#)

A Detailed Analysis of a New 3D Spatial Feature Vector for Indoor Scene Classification

Swadzba A, Wachsmuth S (In Press)
Robotics and Autonomous Systems .

Download [ras-spme-11-rvs.pdf](#)

DOI [10.1016/j.robot.2012.10.006](https://doi.org/10.1016/j.robot.2012.10.006)

URL <http://dx.doi.org/10.1016/j.robot.2012.10.006>

URN <urn:nbn:de:0070-pub-25635768>

[Journal Article](#) | [In Press](#) | [Quality Controlled](#) | [English](#) [Mark](#)

Details **File Details** **Cognitive Interaction Toolkit** **Letter of Confirmation**

Data provided by the Cognitive Interaction Toolkit.

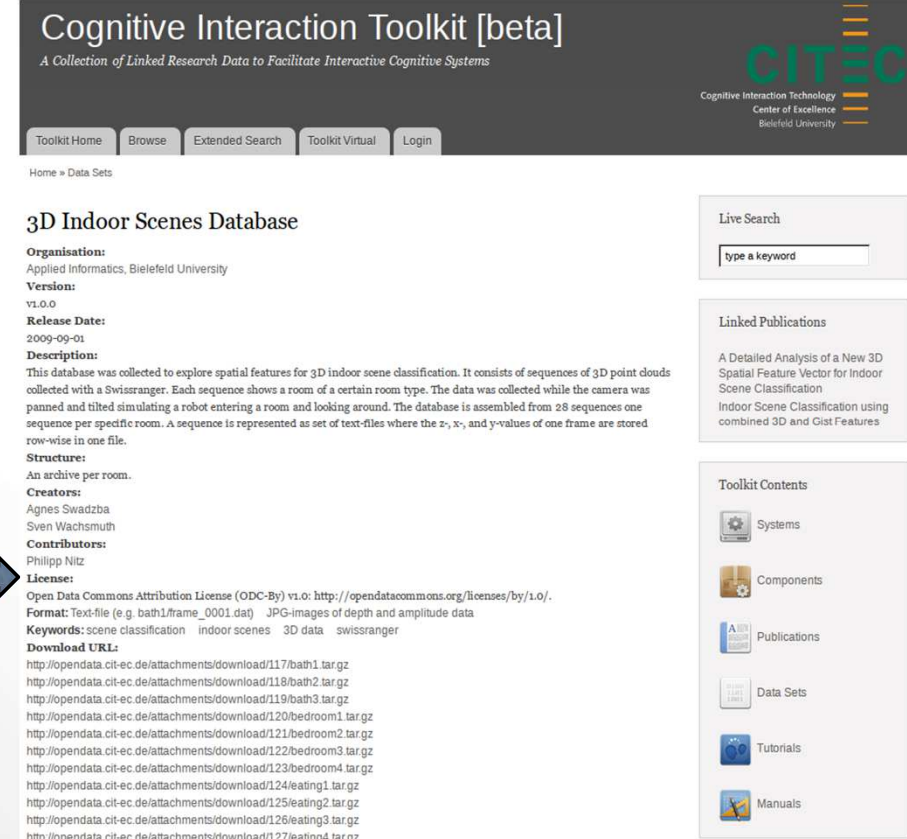
Components <http://toolkit.cit-ec.uni-bielefeld.de/components/generic/3d-scene-analysis>

Datasets <http://toolkit.cit-ec.uni-bielefeld.de/datasets/3d-indoor-scenes-database>

Cite this

AMA **APA** **Frontiers** **Harvard** **IEEE** **LNCS** **MLA** **BibTeX** **RIS**

Swadzba A, Wachsmuth S. A Detailed Analysis of a New 3D Spatial Feature Vector for Indoor Scene Classification. *Robotics and Autonomous Systems*. In Press.



Cognitive Interaction Toolkit [beta]

A Collection of Linked Research Data to Facilitate Interactive Cognitive Systems

[Toolkit Home](#) [Browse](#) [Extended Search](#) [Toolkit Virtual](#) [Login](#)

Home » Data Sets

3D Indoor Scenes Database

Organisation:
Applied Informatics, Bielefeld University

Version:
v1.0.0

Release Date:
2009-09-01

Description:
This database was collected to explore spatial features for 3D indoor scene classification. It consists of sequences of 3D point clouds collected with a Swissranger. Each sequence shows a room of a certain room type. The data was collected while the camera was panned and tilted simulating a robot entering a room and looking around. The database is assembled from 28 sequences one sequence per specific room. A sequence is represented as set of text-files where the z-, x-, and y-values of one frame are stored row-wise in one file.

Structure:
An archive per room.

Creators:
Agnes Swadzba
Sven Wachsmuth

Contributors:
Philipp Nitz

License:
Open Data Commons Attribution License (ODC-BY) v1.0: <http://opendatacommons.org/licenses/by/1.0/>.
Format: Text-file (e.g. bath1/frame_0001.dat) JPG-images of depth and amplitude data

Keywords: scene classification indoor scenes 3D data swissranger

Download URL:
<http://opendata.cit-ec.de/attachments/download/117/bath1.tar.gz>
<http://opendata.cit-ec.de/attachments/download/118/bath2.tar.gz>
<http://opendata.cit-ec.de/attachments/download/119/bath3.tar.gz>
<http://opendata.cit-ec.de/attachments/download/120/bedroom1.tar.gz>
<http://opendata.cit-ec.de/attachments/download/121/bedroom2.tar.gz>
<http://opendata.cit-ec.de/attachments/download/122/bedroom3.tar.gz>
<http://opendata.cit-ec.de/attachments/download/123/bedroom4.tar.gz>
<http://opendata.cit-ec.de/attachments/download/124/eating1.tar.gz>
<http://opendata.cit-ec.de/attachments/download/125/eating2.tar.gz>
<http://opendata.cit-ec.de/attachments/download/126/eating3.tar.gz>
<http://opendata.cit-ec.de/attachments/download/127/eating4.tar.gz>

Live Search

Linked Publications
A Detailed Analysis of a New 3D Spatial Feature Vector for Indoor Scene Classification
Indoor Scene Classification using combined 3D and Gist Features

Toolkit Contents
[Systems](#)
[Components](#)
[Publications](#)
[Data Sets](#)
[Tutorials](#)
[Manuals](#)

Subject Specific Pilots first

Since generic - cross-disciplinary infrastructures are much more
complex, challenging

- Investigation of Data & Publication management in different disciplines (Life Sciences, Social Sciences & Humanities)
- Learn how to connect research data from disciplinary infrastructures with publications in OpenAIRE
- Demonstration of challenges, issues & opportunities

Subject Specific Pilots

Life Sciences Demonstrator

No Need for a Cognitive Map: Decentralized Memory for Insect Navigation

Holk Cruse^{UNIBI} and Rüdiger Wehner

MeSH Text-mined terms FP7 References 3 Citations Full text available

Identifiers

- PMID:21445233
- University of Bielefeld (1886087)
- DOI: 10.1371/journal.pcbi.1002009
- PMCID:PMC3060166

The following biological entities have been automatically c

- Gene Ontology Terms
 - Memory
 - lateral inhibition
 - behaviour
 - learning
 - localization
 - long term memories
 - short term memory
 - habituation
 - development
 - vision
 - locomotion
 - Cognition
 - visual learning
- Organisms
 - animals
 - desert ants

Search in Protein Knowledgebase (UniProtKB) organism:299895 Search Advanced Search » Clear

10 results for organism:"Cataglyphis bicolor (desert ant) [299895]" in UniProtKB sorted by score descending

Browse by taxonomy, keyword, gene ontology, enzyme class or pathway | Reduce sequence redundancy to 100%, 90% or 50%

Results Customize

Expand search to "Cataglyphis bicolor (desert ant) [299895]" to include lower taxonomic ranks

Entry	Entry name	Status	Protein names	Gene names	Organism	Length
<input type="checkbox"/> Q2YGT5	Q2YGT5_9HYME	★	Cytochrome c oxidase subunit 1	COI CO1	Cataglyphis bicolor (desert ant)	255
<input type="checkbox"/> G5DCQ8	G5DCQ8_9HYME	★	Cytochrome c oxidase subunit 1		Cataglyphis bicolor (desert ant)	250
<input type="checkbox"/> G5DCU1	G5DCU1_9HYME	★	Cytochrome c oxidase subunit 1		Cataglyphis bicolor (desert ant)	250
<input type="checkbox"/> G5DCU3	G5DCU3_9HYME	★	Cytochrome c oxidase subunit 1		Cataglyphis bicolor (desert ant)	250
<input type="checkbox"/> A1YW69	A1YW69_9HYME	★	Cytochrome c oxidase subunit 1	CO1	Cataglyphis bicolor (desert ant)	255
<input type="checkbox"/> Q2YGS8	Q2YGS8_9HYME	★	Cytochrome c oxidase subunit 2	COII	Cataglyphis bicolor (desert ant)	167
<input type="checkbox"/> Q2VWK6	Q2VWK6_9HYME	★	Cytochrome c oxidase subunit 2	COII	Cataglyphis bicolor (desert ant)	167
<input type="checkbox"/> A1YW68	A1YW68_9HYME	★	Cytochrome c oxidase subunit 1	CO1	Cataglyphis bicolor (desert ant)	255
<input type="checkbox"/> A1YW80	A1YW80_9HYME	★	Cytochrome c oxidase subunit 1	CO1	Cataglyphis bicolor (desert ant)	255
<input type="checkbox"/> Q2VWK7	Q2VWK7_9HYME	★	Cytochrome c oxidase subunit 2	COII	Cataglyphis bicolor (desert ant)	167

Subject Specific Pilots

Social Sciences & Humanities

Research information

PUBLICATION

WELFARE STATE EFFECTS ON SOCIAL CAPITAL AND INFORMAL... (2005) [Open access](#)

Research	Input	Persons	Organisations	Repository
European Value Studies				
Author				
Halman, Dr. L.C.J.M.				
Halman, L.C.J.M.				
Oorschot, W.J.H. van				
Arts, W.A.				
Organisations				
Tilburg University				

External Database Links

Concept: ethnocentrism

Variable: V59: dont like as neighbours: muslims (Q7H)

Variable: V60: dont like as neighbours: immigrants/foreign workers (Q7I)

Variable: V64: dont like as neighbours: jews (Q7M)

Variable: V65: dont like as neighbours: gypsies (Q7N)

Concept: informal social solidarity

Variable: V272: are you concerned with: elderly people (Q80A)

Variable: V273: are you concerned with: unemployed people (Q80B)

Variable: V274: are you concerned with: sick and disabled (Q80D)

Variable: V275: are you concerned with: help: immediate family (Q81A)

Variable: V276: are you prepared to help: immediate family (Q81A)

Variable: V277: are you prepared to help: people neighbourhood (Q81B)

Microdata

RESEARCH

EUROPEAN VALUES STUDIES

Research	Persons	Organisations	Secretariat	Related
No research defined				
Project leader				
L.C.J.M. Halman				
Researcher				
Prof.dr. W.A. Arts				
Prof.dr. P.J.D. Drenth				
Prof.dr. J.A.P. Hagenaars				
Organisations				
Oldendorff Research Insti...				
Secretariat				
Department of Organisation...				
Related				
Dept. of Organisation Stu...				
Oldendorff Research Insti...				
http://www.narcis.nl/orga...				

EDUCATION

Title	Persons	Organisations	Secretariat	Related
European values studies				
01 / 1978 - 01 / 2005				
Status				
Completed				
Research number				
OND1236147				
ABSTRACT				
Study of cross-national differences and similarities in basic value orientations in the domains of religion and morality, society and politics, primary relations, sexuality, education, labour and leisure time. Originally in Western Europe only, but meanwhile undertaken in many more countries (USA, Canada, Eastern Europe, Russia). First survey in 1981, second survey in 1990, third is scheduled for 1999.				
ABSTRACT (NL)				
Onderzoek naar cross-nationale verschillen en overeenkomsten in fundamentele waardenoriëntaties op de terreinen van religie en moraal, maatschappij en politiek, primaire relaties, seksualiteit, opvoeding, arbeid en vrije tijd. Oorspronkelijk alleen in West-Europa, maar inmiddels ondernomen in veel landen (VS, Canada, Oost Europa, Rusland). De eerste survey was in 1981, de tweede in 1990, de derde zal in 1999 plaatsvinden. Methoden en technieken: survey				
CLASSIFICATION				
AB2200				
Social integration and social structure				
D42200				
Social and public administration				
D61000				
Sociology				

Data

Related

European Election Studies... >

European Election Studies... >

European Election Studies... >

European Values Study - E... >

European Values Study 199... >

EVS 99/2000 : Release 1 ~... >

European and World Value ... >

European Values Study 199... >

EVS 99/2000 : Release 1 ~... >

Publications

Output

Welfare state effects on ... >

European work orientation... >

Blame or fate, individual... >

Collections

No collections defined

gesis Leibniz Institute for the Social Sciences

Show all studies Eurobarometer EVS ESP Studies Eastern Europe Election Studies Germany Politbarometer

DESCRIPTION **TABULATION** **ANALYSIS**

ZA3811: EVS 1999: Integrated Dataset

ZA3811 Databases and Documentation (download via data catalogue)

Variable v272: are you concerned with: elderly people (Q80A)

LITERAL QUESTION

Q.80

<Show card 80>

To what extent do you feel concerned about the living conditions of:

Q.80A elderly people in your country

-5 other missing

-4 question not asked

-3 not applicable

-2 no answer

-1 don't know

1 very much

2 much

3 to a certain extent

4 not so much

5 not at all

Comparability:

Trend question (EVS 2008=EVS 1999).

(Modified trend: interviewer instruction).

Show Card

Comparative Variables 1981-2008

s159 - EVS Longitudinal Data File 1981-2008

V290 - Integrated Dataset - EVS 2008

Original Language Documentation

v272 - Austria EVS 1999

Display this Variable in Extended Variable Overview

Dataset ZA3811: Integrated Dataset - EVS 1999

Variable V272: are you concerned with: elderly people (Q80A)

Q.80

<Show card 80>

To what extent do you feel concerned about the living conditions of:

Q.80A elderly people in your country

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(Modified trend: interviewer instruction).



Publications & Data across Infrastructures

What to consider when connecting subject-specific
infrastructures with OpenAIRE

- Interfaces of subject-specific infrastructures
 - Designed for community needs; seldom for generic purposes
- Metadata descriptions about research data
 - Diversity of subject-specific metadata formats
 - Seldom general purpose metadata (e.g. DataCite metadata kernel)
 - Persistent identification of datasets is a long-term task

Enriched Publication View

In the new OpenAIRE portal


Profiling Attitudes for Personalized Information Provision


Ioannidis, Yannis; Karvounis, Manos; Georgiou, Thodoris; Katifori, Akrivi; Triantafyllidi, Mei Li; Kyriakidi, Marialena; Iatropoulou, Katerina; Vayanou, Maria; Mouzakidis, Alexandros; Stamatogiannakis, Lefteris; Manola, Natalia (2011)
English



IDs: DOI: XXXXXXXX

PAROS is a generic system under design whose goal is to offer personalization, recommendation, and other adaptation services to information providing systems. In its heart lies a rich user model able to capture several diverse aspects of user behavior, interests, preferences, and other attitudes. The user model is instantiated with profiles of users, which are obtained by analyzing and appropriately interpreting potentially arbitrary pieces of user-relevant information coming from diverse sources. These profiles are maintained by the system, updated incrementally as additional data on users becomes available, and used by a variety of information systems to adapt the functionality to the users' characteristics.

Related Data

Related Publications

Metrics


Acropolis Questionnaires for the CHES project
 [cites]

Expand all | Collapse all

Roussou, Maria; Katifori, Vivi (2011)

Report analyzing the results

Questionnaire Dec 2011

Questionnaire Jan 2012

Analysis of interviews Nov-Dec 2011

Profiling Attitudes for Personalized Information

Profiling Service URL

[partOf]

[partOf]

[partOf]

[cites]

[references]

[uses software]

Repository NARCIS

20 Dec 2011

Link to datasets

Link to publications

Add to collection

Download from repositories

Zenodo

Funded by projects

CHES (270198)

DRIVER II (212147)

OPENAIRE (246686)

Related to Community

EGI (CERN)

Cite this article

Chicago

Via algorithm X

10 Dec 2011

Confidence: 89%

Ioannidis, Yannis, Karvounis, Manos, Georgiou, Thodoris, Kyriakidi, Marialena, Iatropoulou, Katerina, et al.

"Profiling Attitudes for Personalized Information Provision," May 1, 2011.



Time for Questions!

Find out more about OpenAIRE:

OpenAIRE portal:	<u>http://www.openaire.eu</u>
OpenAIRE "Lab":	<u>http://beta.openaire.eu</u>
OpenAIRE Guidelines:	<u>https://guidelines.openaire.eu</u>
Zenodo repository:	<u>http://zenodo.org</u>
D-Net software:	<u>http://dnet.research-infrastructures.eu</u>

