DSpace-CRIS: the free open-source Research Information Management System

Researchers' profiles

Susanna Mornati, Andrea Bollini

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CERTIFIED PARTNER

SERVICE PROVIDER

4Science supports institutions making open solutions available, free from licenses and maintained by international communities, to enhance the sustainability of research information and data and the cultural heritage

DURASPACE

ORCID
Connecting Research and Researchers

COAR
Confederation of Open Access Repositories

NEXT GENERATION REPOSITORIES

iiif

CERIF

W3C
Semantic Web

euroCRIS
Current Research Information Systems

OPEN ARCHIVES

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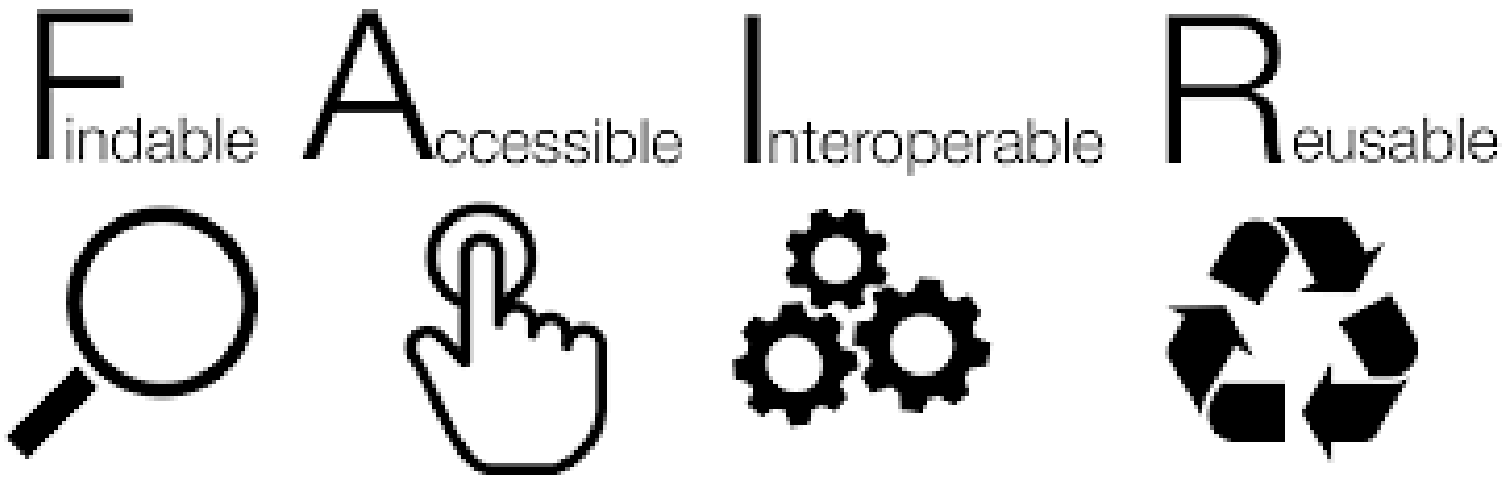
Why DSpace-CRIS?

A step forward in the direction of:

- Research Information Management
- Research Data Management
- Next Generation Repositories (COAR)



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DSpace-CRIS

DSpace-CRIS is an "**extended**" version of DSpace, the most adopted repository platform in the world.

It has a powerful and flexible **data model** to describe not just publications, but **all the entities** that populate the research environment and their meaningful **relationships**.

https://wiki.duraspace.org/display/DSPACECRIS/DSpace-CRIS+Home (documentation)

https://dspace-cris.4science.it/ (demo)

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Open solution for research information management

DSpace-CRIS is **free**, **open source**, compliant with **open** standards, open protocols, open technologies.

It provides institutions with a **sustainable and effective** tool to **manage research information** such as: researchers' profiles, department pages, project grants & awards, research outputs, patents, theses, metrics, reports, statistics, etc.

Now adopted in 6 continents:
https://wiki.duraspace.org/display/DSPACECRIS/DSpace-CRIS+Users

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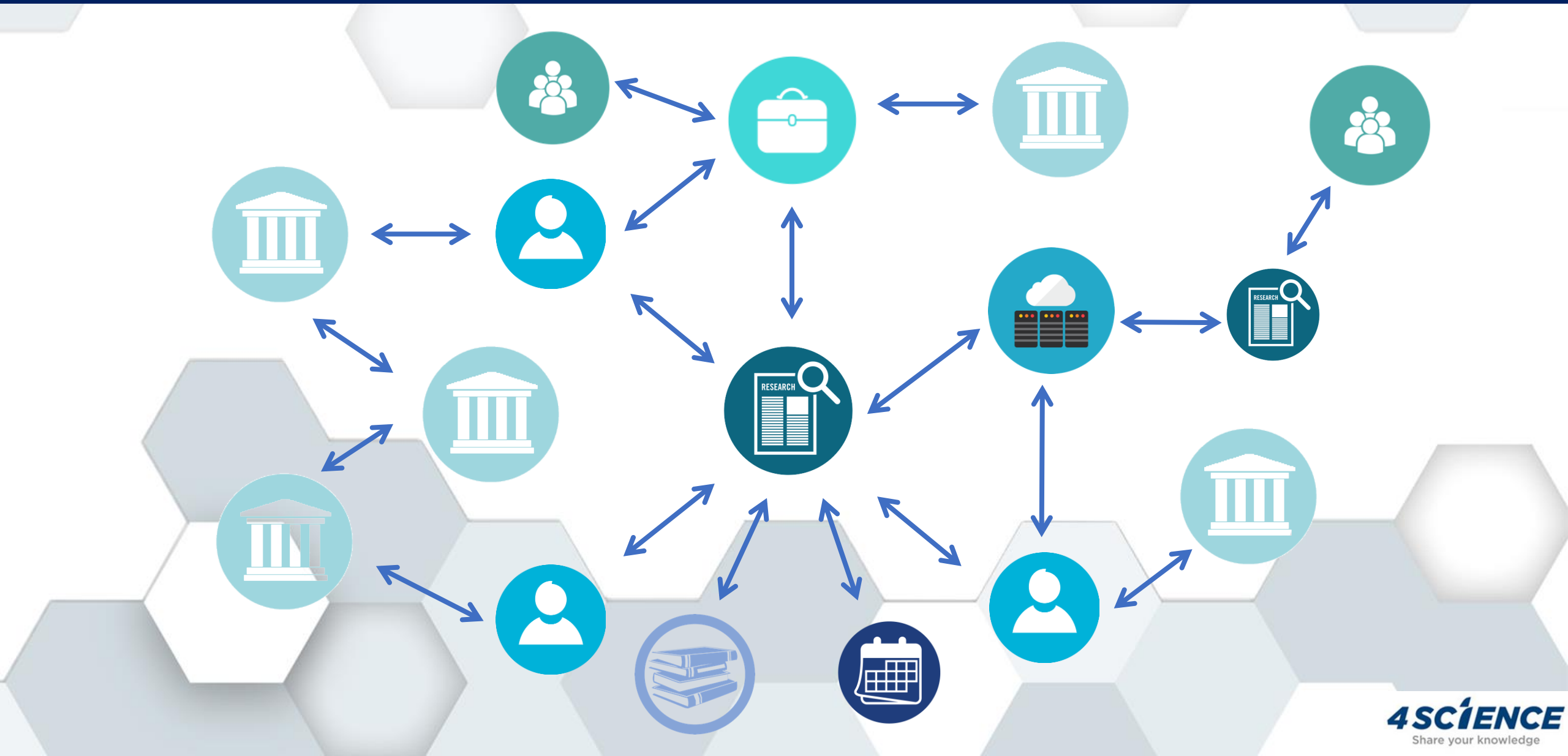
An integrated view of the research ecosystem



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Services for researchers – ORCID integration

DSpace-CRIS is not a common repository for scholarly literature, it is much more:

- For researchers, complete integration with ORCID is available, to push, pull, and keep synchronized profiles, publications, and projects

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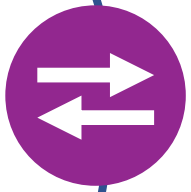
Create new record - facilitate the creation of new ORCID records for researchers

Connect local profiles with the ORCID registry

Lookup the registry

Transfer information from the repository to the ORCID Registry and viceversa



Login via ORCID iD also for external co-authors (if liked)

Full integration with ORCiD, pull and push APIs for all entities:

Profiles (incl. Education and Employement)

Publications

Projects

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ORCiD login

By default a new Researcher Profile can be immediately created capturing information from ORCID

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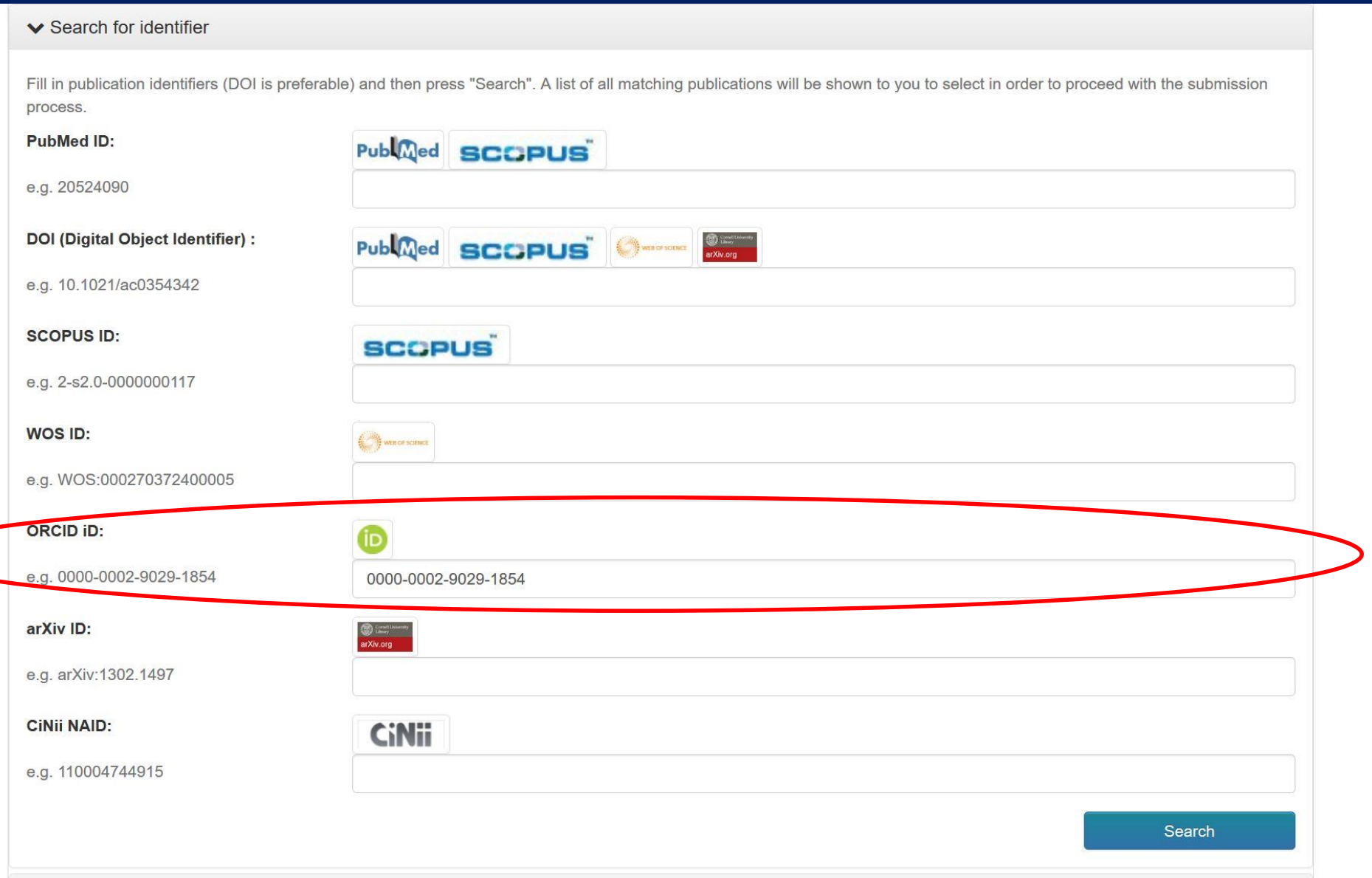
Import publications from ORCID



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Services for researchers – (meta)data import

- Possibility to import their publications from Scopus, WoS, CrossRef, PubMed (full text), ArXiv, ADS, etc.
- Import from several bibliographic formats (BibTeX, RIS, Endnote, etc.)
- Automatic population of metadata from PDF upload (AI)

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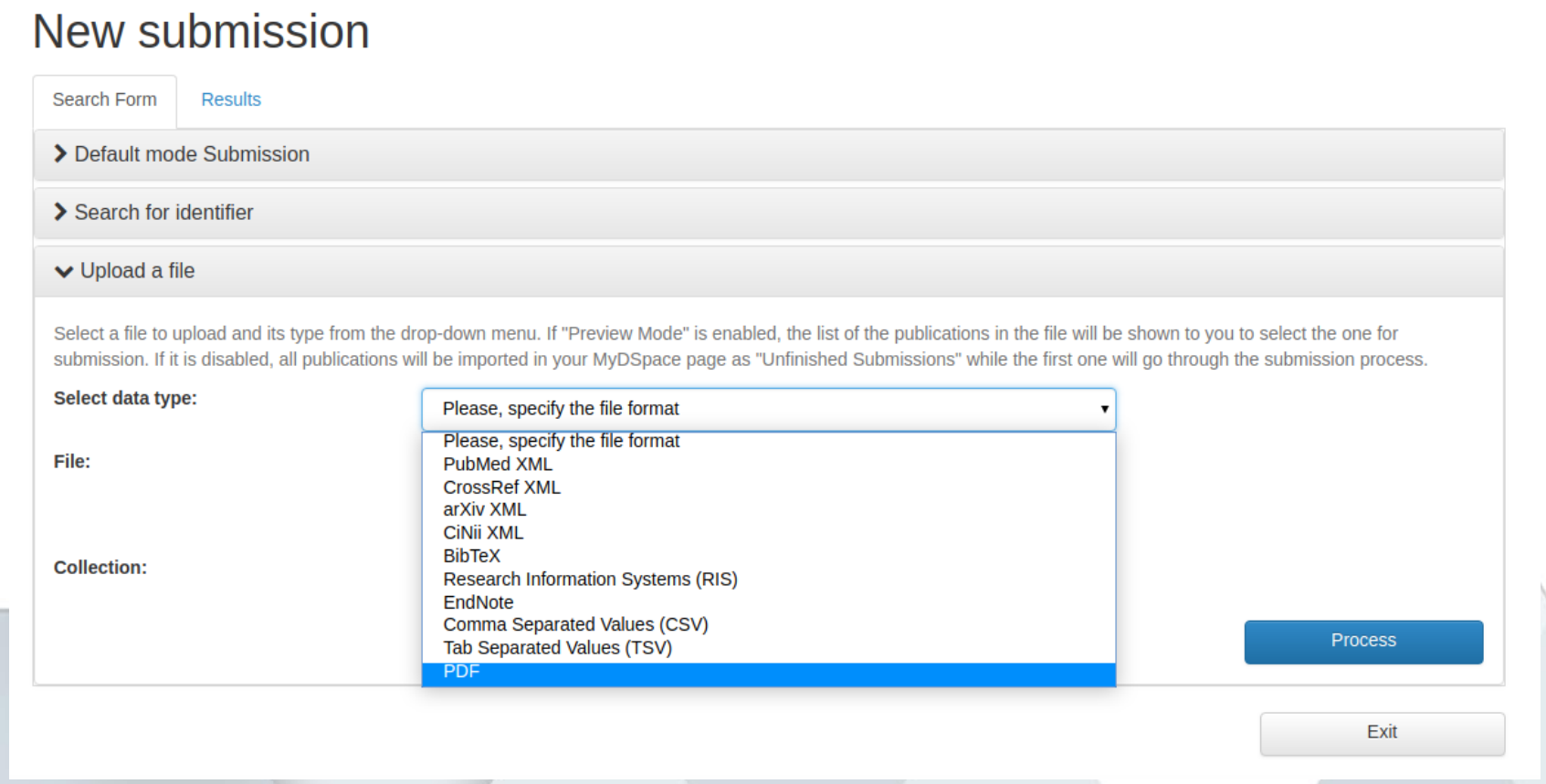
Services for researchers – (meta)data import

Through the integration with GROBID Library, DSpace-CRIS leverages machine learning technologies for extracting information directly from PDF publications.



- Title
- Authors
- Abstract
- Keywords
- Identifiers
- Issue Date
- Journal title
- ISSN
- Volume
- Issue
- pages

are extracted through parsing of uploaded full-text.

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Services for researchers - more

- Possibility to populate profiles with information coming from esternal / legacy databases (e.g. HR, directories, projects database, etc.)
- Possibility to input rich information (e.g. research interests, awards, participation in scientific boards, etc.)
- Management of preferences to highlight relevant / recent research activities and results

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Researcher's profiles

The University of Hong Kong

The HKU Scholars Hub 香港大學學術庫

HELP | HKU Login | Guest Login

Home | Publications | Researchers | Organizations | Grants | Datasets | Theses | Patents | Community Service

Chan, DTM

Collaborations | Bibliometrics | Email Alert (for New Additions) | RSS (for New Additions)

Profile
- Contact Information
- Biography
- Honours, Awards & Prizes
- Professional Societies

Publications Export
- Selected Publications (9)
- Articles (390)
- Conference Papers (223)
- Books Edited (2)
- Book Chapters (15)
- Others (3)

External Relations
- Knowledge Exchange Activities
- Invited Lectures & Keynote Speeches
- Editorship
- Community Service

Patents
- Patents (3)

Contact Information

Tel: 2255 4041

Office: QMH PB408

Professor Chan, Daniel Tak Mao 陳德茂

Title: Chair Professor and Chief of Nephrology
Yu Chiu-Kwong Professorship in Medicine; and Professor: Chair of Medicine
Professor (Clinical)
Yu Chiu-Kwong Professorship in Medicine
Professor: Chair of Medicine

Department: Department of Medicine

Faculty: Li Ka Shing Faculty of Medicine

Research Interests: (click to check for cognate researchers)
- Treatment and immuno-pathogenesis of lupus nephritis
- Management of viral hepatitis in immunosuppressed patients with kidney diseases

My URLs:
- Personal Page
- http://orcid.org/0000-0002-3495-4051

Also Cited As: Chan, TM
Chan, Tak-mao, Daniel

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Researchers' profiles

Kalogirou, Soteris A. (rp00110)

Network Lab | View Statistics | Email Alert | RSS Feed

Profile
- Contact information
- Biography

Bibliometrics

Publications

University responsibilities
- Teaching list
- Supervision of undergraduate projects
- Supervision of Phd/Msc projects

Research activities
- Research projects

Service to the community/university
- Commitee memberships - external organizations

Contact Information

Kalogirou, Soteris A.

Καλογήρου, Σωτήρης

Department	Department of Mechanical Engineering and Materials Science and Engineering
Faculty	Faculty of Engineering and Technology
Email	soteris.kalogirou@cut.ac.cy
ORCID	0000-0002-3654-1437
Scopus Author ID	7005998383
Researcher ID	D-3883-2015
Status	Current Staff

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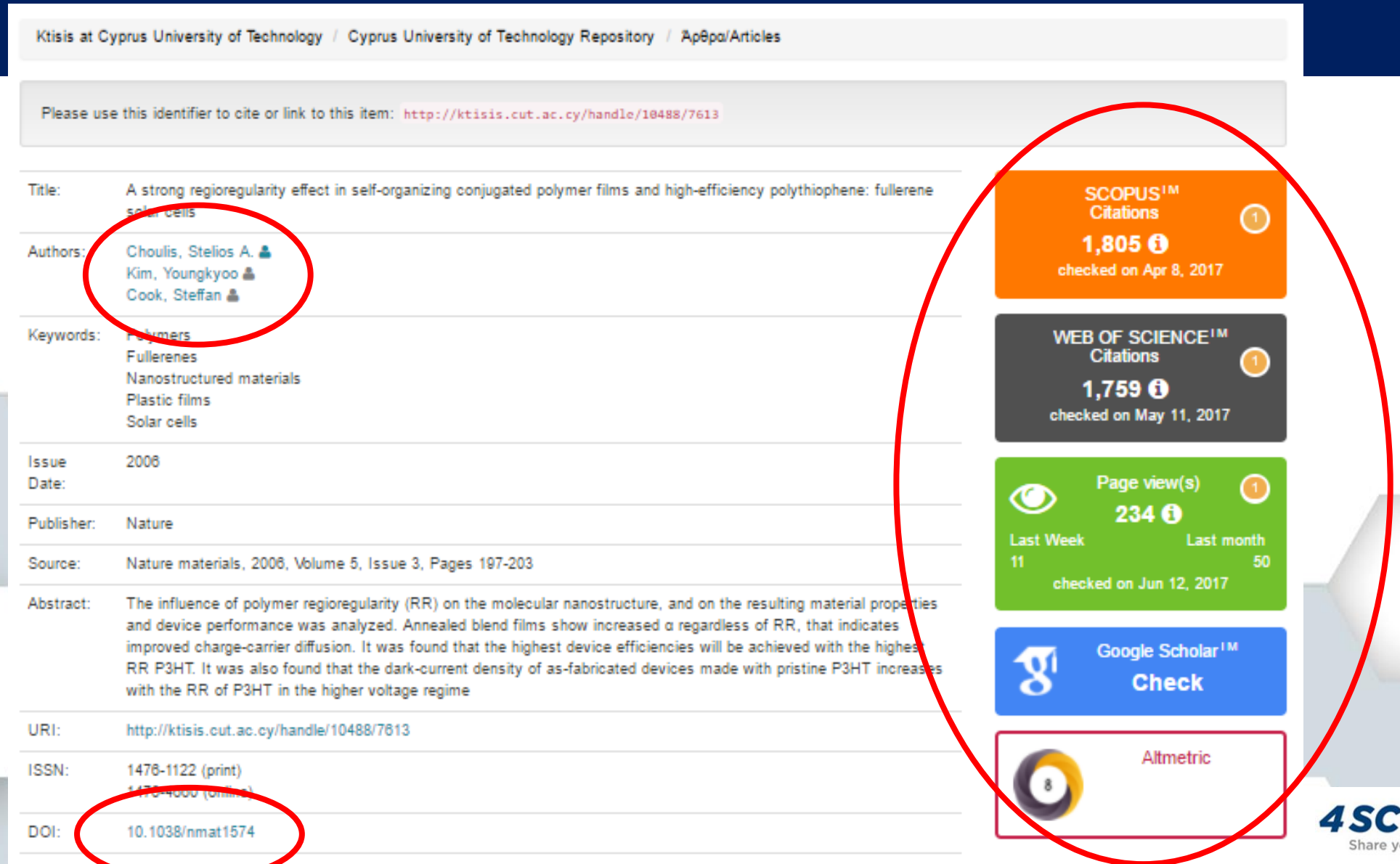
Research outputs with metrics



Ktisis at Cyprus University of Technology / Cyprus University of Technology Repository / Άρθρα/Articles

Please use this identifier to cite or link to this item: http://ktisis.cut.ac.cy/handle/10488/7613

Title:	A strong regioregularity effect in self-organizing conjugated polymer films and high-efficiency polythiophene: fullerene solar cells
Authors:	Choulis, Stelios A. Kim, Youngkyoo Cook, Steffan
Keywords:	Polymers Fullerenes Nanostructured materials Plastic films Solar cells
Issue Date:	2006
Publisher:	Nature
Source:	Nature materials, 2006, Volume 5, Issue 3, Pages 197-203
Abstract:	The influence of polymer regioregularity (RR) on the molecular nanostructure, and on the resulting material properties and device performance was analyzed. Annealed blend films show increased α regardless of RR, that indicates improved charge-carrier diffusion. It was found that the highest device efficiencies will be achieved with the highest RR P3HT. It was also found that the dark-current density of as-fabricated devices made with pristine P3HT increases with the RR of P3HT in the higher voltage regime
URI:	http://ktisis.cut.ac.cy/handle/10488/7613
ISSN:	1476-1122 (print) 1476-4660 (online)
DOI:	10.1038/nmat1574

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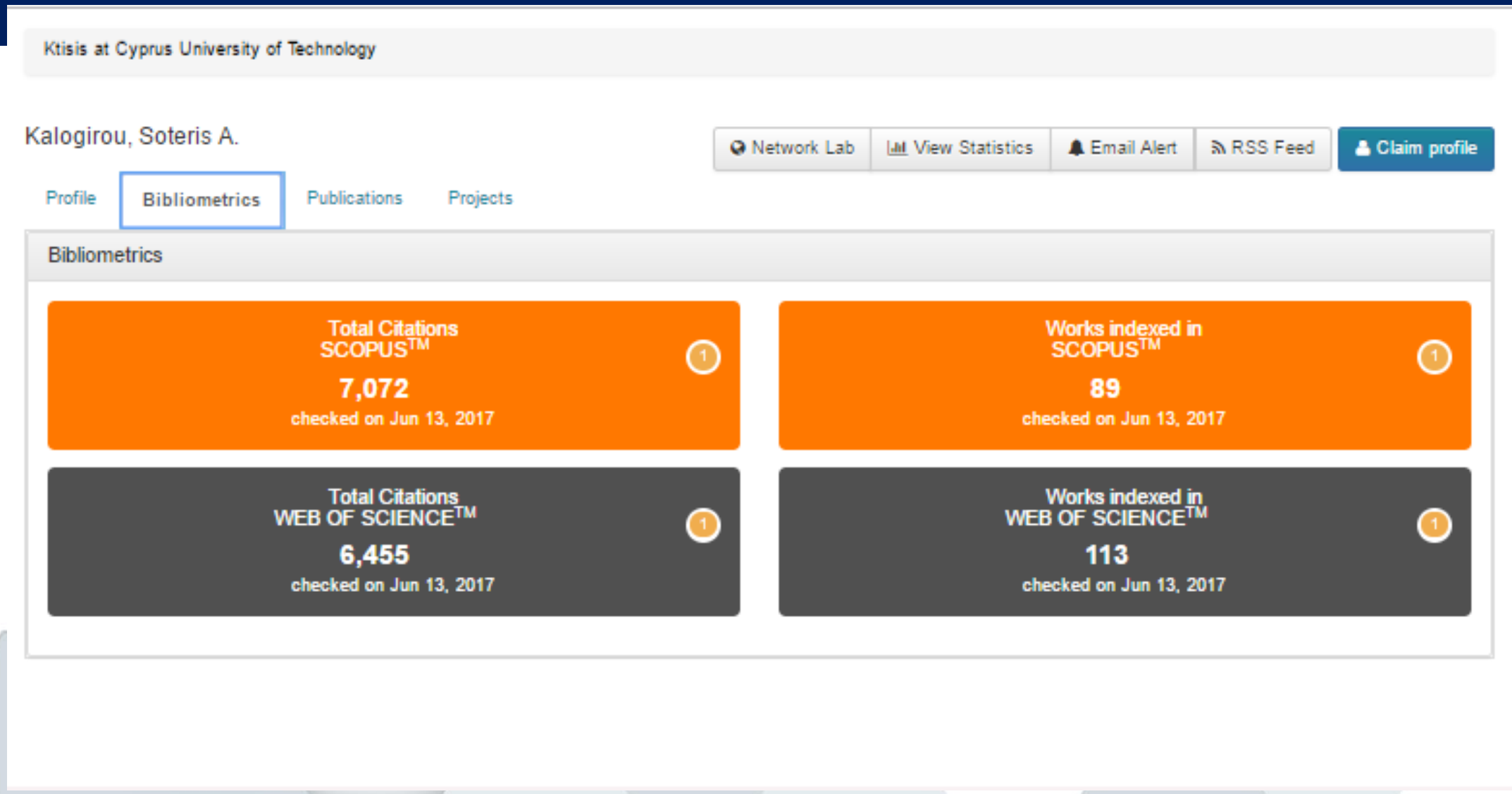
Aggregated metrics by item, researcher, dept.



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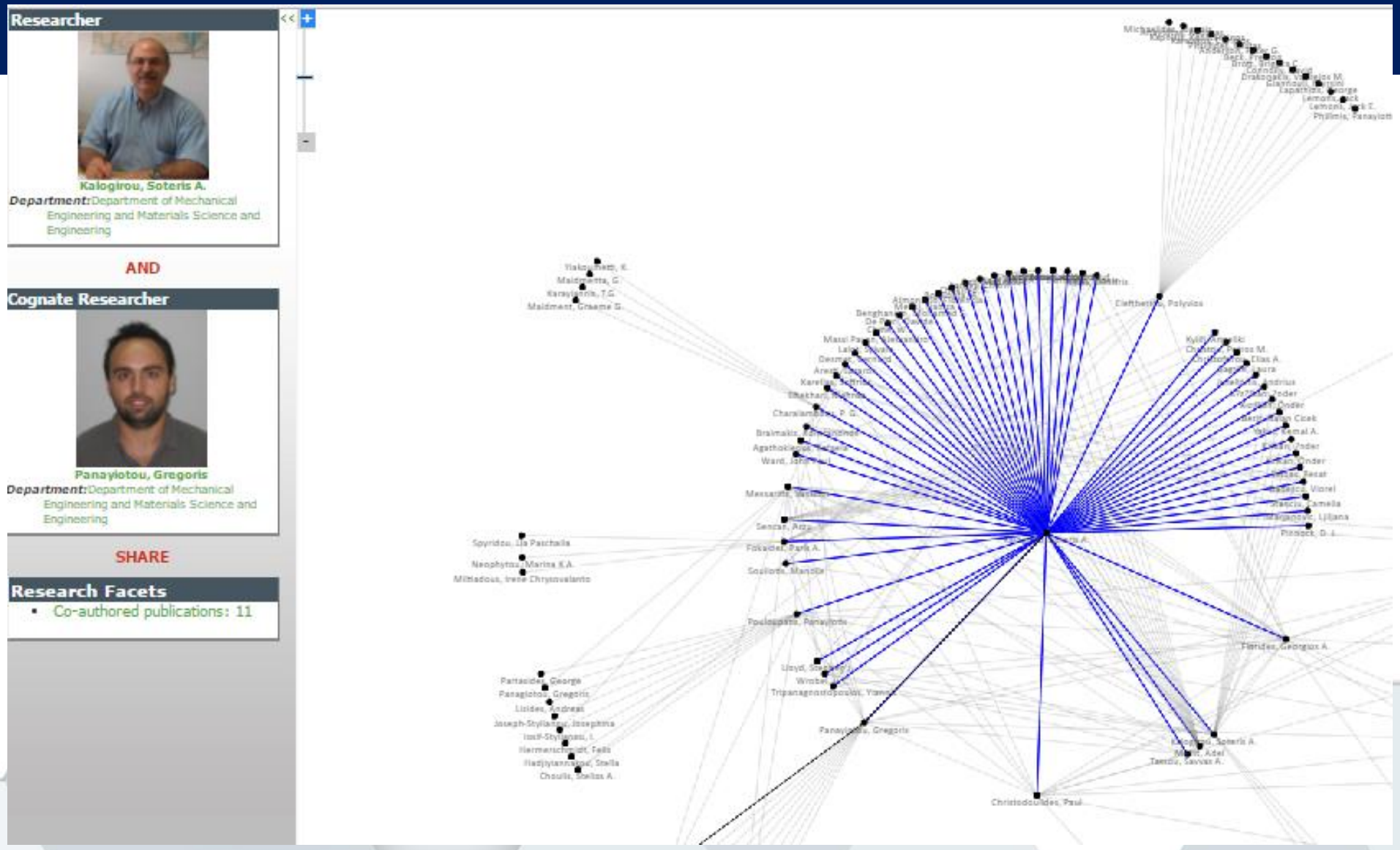
Collaboration networks



Cyprus University of Technology

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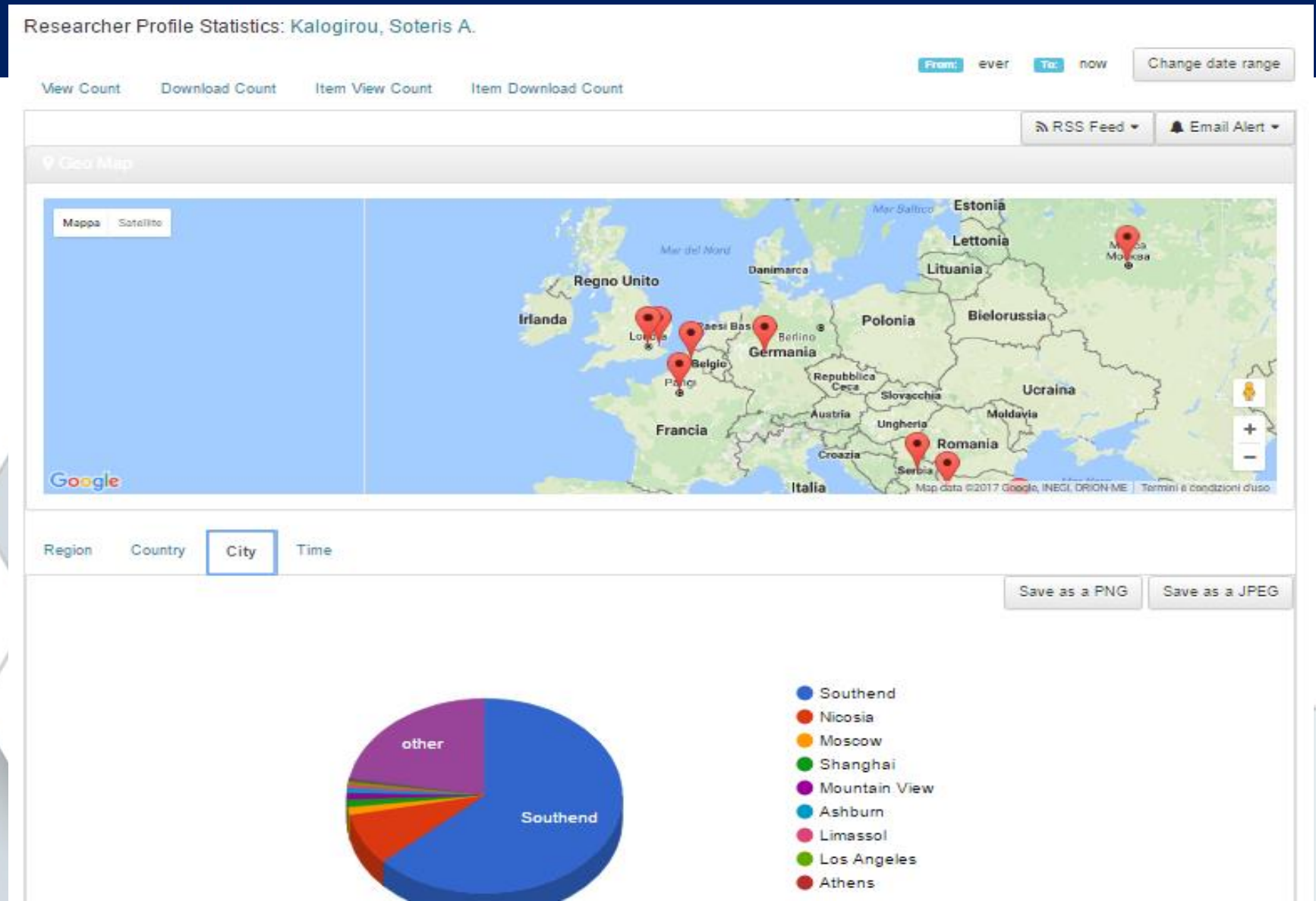
Geo-localized usage statistics



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Interoperability & Persistent Identifiers

- Bibliographic/bibliometric import from ORCiD, CrossRef, ArXiv, PubMed, Scopus™, WebOfScience™, ADS, custom spreadsheets
- Integration with local IDM for authentication&authorization, HR system for researchers/organizational units info, hidden proprietary CRIS
- Export to data warehouse, to enable combined analytics with other institutional information
- OAI-PMH export to OpenAIRE and other specialized aggregators
- SEO (Search Engine Optimization)
- Support for PIDs for any entity (researchers, publications, journals, projects, funders, etc.)

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New features of DSpace-CRIS - 2018

- ORCID API v.2 (push/pull of profiles, publications, projects)
- Core Recommender / Signposting / ResourceSync (*)
- Artificial intelligence feature: automatic population of metadata from PDF articles (Grobid)
- Claim of imported or existing publications
- Integration with OpenAIRE projects database (*)
- Support for next OpenAIRE Guidelines for Data Archives (Datacite 4.1) (*)

(*) Thanks to OpenAIRE funding

OpenAIRE

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Thanks for your attention!

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