



**IRUS-UK**

ORCID

## IRUS-UK and ORCID

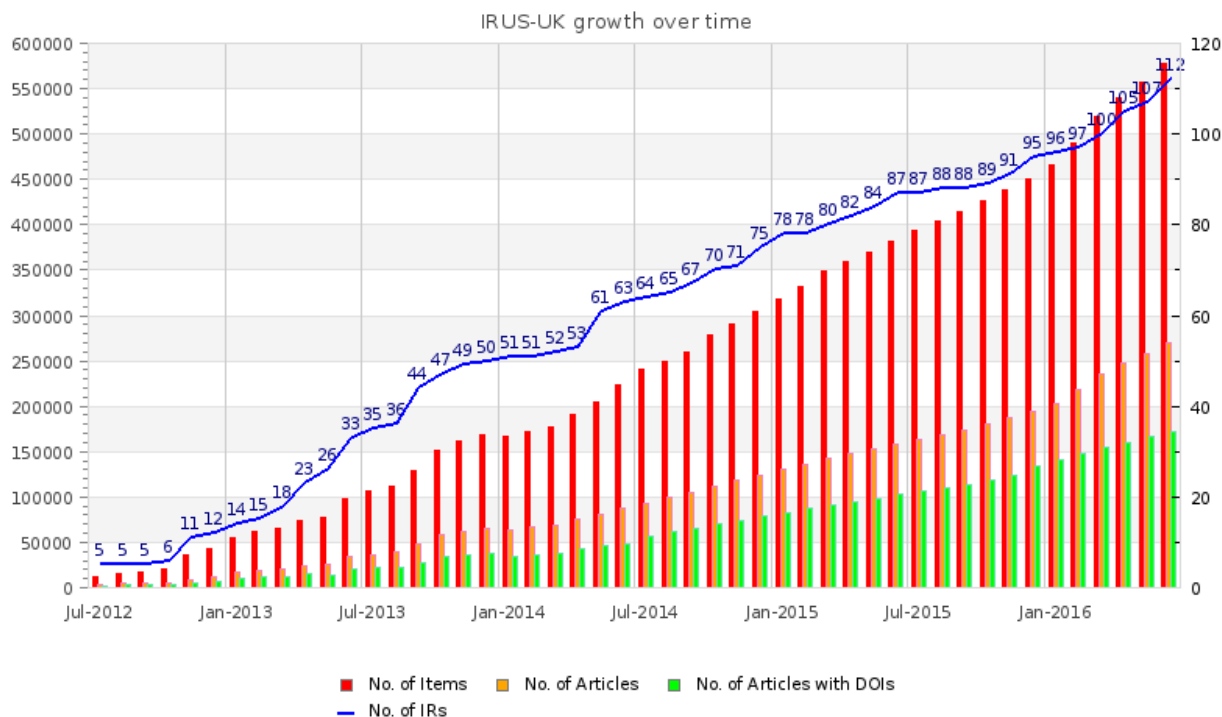
**Paul Needham**

Cultivating ORCID: Encouraging growth  
*Etc venue, Maple house, Birmingham*  
*16<sup>th</sup> June 2017*

# What is IRUS-UK?

A national aggregation service for UK Institutional Repository Usage Statistics:

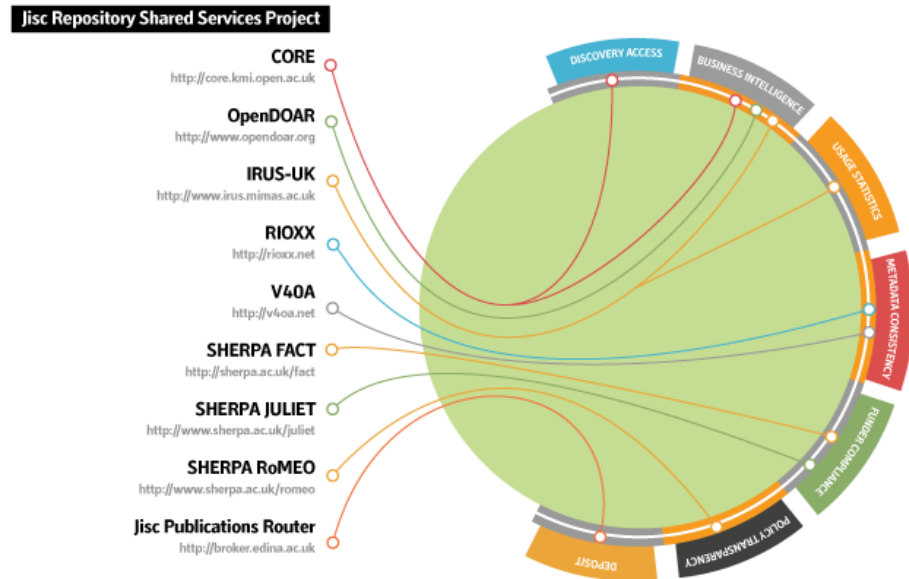
- Collects raw download data from UK IRs for \*all item types\* within repositories
- Processes raw data into COUNTER-compliant statistics



# Who is responsible for IRUS-UK?

- Funded by Jisc
- Team Members:
  - Jisc– Project & Service Management & Host
  - Cranfield University - Development
  - Evidence Base, Birmingham City University – User Engagement & Evaluation

**Bringing together key repository services to deliver a connected national infrastructure to support OA**



# How is IRUS-UK used?

## Use cases:

- Providing standards-based, reliable repository statistics
- Reporting to Institutional Managers
- *Reporting to Researchers*
- Benchmarking
- Supporting Advocacy

<http://irus.mimas.ac.uk/support/supportmaterials/>

# Reporting to researchers - now

IN IRUS-UK you can search for

- a specific item
- results by author name
  - Which can be constrained to a single repository

However, it's a bit hit and miss

- Many researchers may share the same name
- Others have different names during their career
- Or there are different variations of the same name
  - J. Smith, John Smith, John J. Smith, etc.

The solution to this problem is the ORCID

- ORCID = Open Researcher and Contributor IDentifier
- a persistent digital identifier that distinguishes one researcher from every other researcher
  - Immune to name variations or changes

# Reporting to researchers – a glimpse into the future

IRUS-UK and White Rose have collaborated to create a demonstrator utilising ORCIDs

- White Rose has ORCIDs mapped in the RIOXX profile, e.g.
- <http://eprints.whiterose.ac.uk/cgi/oai2?verb=GetRecord&metadataPrefix=rioxx&identifier=oai:eprints.whiterose.ac.uk:76722>
- John Salter, at White Rose, created a custom ‘irus-orcid’ set for harvesting via OAI-PMH
- <http://eprints.whiterose.ac.uk/cgi/oai2?verb=ListRecords&metadataPrefix=rioxx&set=irus-orcid>
- That led to some rapid development within IRUS-UK:
  - A couple of new database tables
  - a new ingest script to grab and process the RIOXX records containing the ORCIDs
  - A bit of work in the user interface, and . . .

# IRUS-UK Index of Authors with ORCID

The screenshot shows a web browser window displaying the IRUS-UK website. The browser's address bar shows the URL `irus.mimas.ac.uk/portal/author/?azkey=D`. The page header features the IRUS-UK logo on the left and the text "Last update: 14th Sep 2016" on the right. A navigation menu includes links for Home, Statistics Views, Statistics Reports, Metadata Views, Metadata Reports, and Admin. A search bar is present with a magnifying glass icon and a link to "More search options".

## Author index

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

**D**

Author	ORCID	No. of Items	Total Downloads
Dalton, J E	<a href="#">0000-0001-8939-2925</a>	1	<a href="#">49</a>
Dalton, Jane Elise	<a href="#">0000-0001-9115-8855</a>	1	<a href="#">33</a>
Dasmahapatra, Kanchon Kumar	<a href="#">0000-0002-2840-7019</a>	3	<a href="#">61</a>
Davey, James	<a href="#">0000-0003-1336-1414</a>	3	<a href="#">33</a>
Davies, G J	<a href="#">0000-0002-7343-776X</a>	10	<a href="#">2231</a>
Davies, Ian	<a href="#">0000-0003-4434-9581</a>	2	<a href="#">367</a>
Davis, Robert Ian	<a href="#">0000-0002-5772-0928</a>	1	<a href="#">3</a>
Davis, S.	<a href="#">0000-0002-6609-4287</a>	2	<a href="#">33</a>
Davis, Seth J	<a href="#">0000-0001-5928-9046</a>	1	<a href="#">32</a>
Davletov, B.	<a href="#">0000-0003-4658-3275</a>	1	<a href="#">3</a>
Dawson, I F	<a href="#">0000-0003-4537-9977</a>	18	<a href="#">1544</a>

# Individual Author Statistics

The screenshot shows a web browser window with the URL [irus.mimas.ac.uk/portal/author/statistics/?orcid=0000-0002-7343-776X](http://irus.mimas.ac.uk/portal/author/statistics/?orcid=0000-0002-7343-776X). The page title is "Author statistics" and it displays a summary table and a list of items.

**Author statistics**

Author	ORCID	No. of Items	Total Downloads
Davies, G J	<a href="https://orcid.org/0000-0002-7343-776X">0000-0002-7343-776X</a>	10	2231

**Items**

Title	Author(s)	IrusType	Repository	Item URL	Total Downloads
Carbohydrate anomalies in the PDB	Agirre, Jon; Davies, Gideon; Wilson, Keith; Cowtan, Kevin	Article	White Rose Research Online	<a href="http://eprints.whiterose.ac.uk/95242/">http://eprints.whiterose.ac.uk/95242/</a>	<a href="#">21</a>
Catalysis by hen egg-white lysozyme proceeds via a covalent intermediate	Vocadlo, D J; Davies, G J; Laine, R; Withers, S G	Article	White Rose Research Online	<a href="http://eprints.whiterose.ac.uk/131/">http://eprints.whiterose.ac.uk/131/</a>	<a href="#">1926</a>
Combined inhibitor free-energy landscape and structural analysis reports on the mannosidase conformational coordinate	Williams, Rohan J; Iglesias-Fernández, Javier; Stepper, Judith; Jackson, Adam; Thompson, Andrew J; Lowe, Elisabeth C; White, Jonathan M; Gilbert, Harry J; Rovira, Carme; Davies, Gideon J; Williams, Spencer J	Article	White Rose Research Online	<a href="http://eprints.whiterose.ac.uk/83836/">http://eprints.whiterose.ac.uk/83836/</a>	<a href="#">8</a>
Dissecting conformational contributions to glycosidase catalysis and inhibition	Speciale, Gaetono; Thompson, Andrew James; Davies, Gideon John; Williams, Spencer J	Article	White Rose Research Online	<a href="http://eprints.whiterose.ac.uk/84289/">http://eprints.whiterose.ac.uk/84289/</a>	<a href="#">73</a>



# IRUS-UK & ORCIDs – what next?

## HE Institutions

- At the moment very few institutional repositories contain ORCIDs
- We need more institutions to adopt ORCIDs:
  - Embed them into their workflows
  - Incorporate ORCID in their repository metadata
  - Install RIOXX plugins (Eprints) / patches (DSpace)
  - Expose ORCID metadata via RIOXX in their OAI-PMH interfaces

# IRUS-UK & ORCIDs – what next?

## IRUS-UK

- Once RIOXX metadata is widely available from IRs
  - and includes ORCIDs
  - and preferably funder/grant information
- Then we can add more functionality to the service
  - Search by ORCID
  - Targeted reports for researchers
  - Targeted reports for funders
  - Work with the ORCID API to enhance our metadata
  - And many other things we haven't even thought of yet!

# Contacts & Information

Project web site:

- <http://irus.mimas.ac.uk/>

Contact IRUS-UK:

- [irus@jisc.ac.uk](mailto:irus@jisc.ac.uk)
- [@IRUSNEWS](#)