Lancaster University

Lancaster University's Experience with ChronosHub

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Agenda

- About Lancaster

- Need for Maximising Open Access and Research Management

- Solution and Progress so far - successes

- Future Developments

About Lancaster

- Located in the scenic North West of England

- 16k+ students, 3k+ staff

- About 3k research outputs per year

- Top 15 rated university in the UK

- Used Pure as CRIS since 2011

- Used ChronosHub since 2023

- Winner 'Outstanding Library Team' 2022 Times Higher Education Awards

Need for maximising open access and research management

- Differing open access requirements for researchers: which journals can they publish in? Are journals compliant with funder requirements? Are funds available?

- Labour intensive administration. Delays in invoice payments delays publication.

- What are Read and Publish agreements? And how do we evaluate them?

- Complex process for researchers uploading research into Pure.

- Manual data entry.

- Metadata missing – follow up often required with researchers.

Solution: automating the processing of research outputs and OA types along the publishing journey
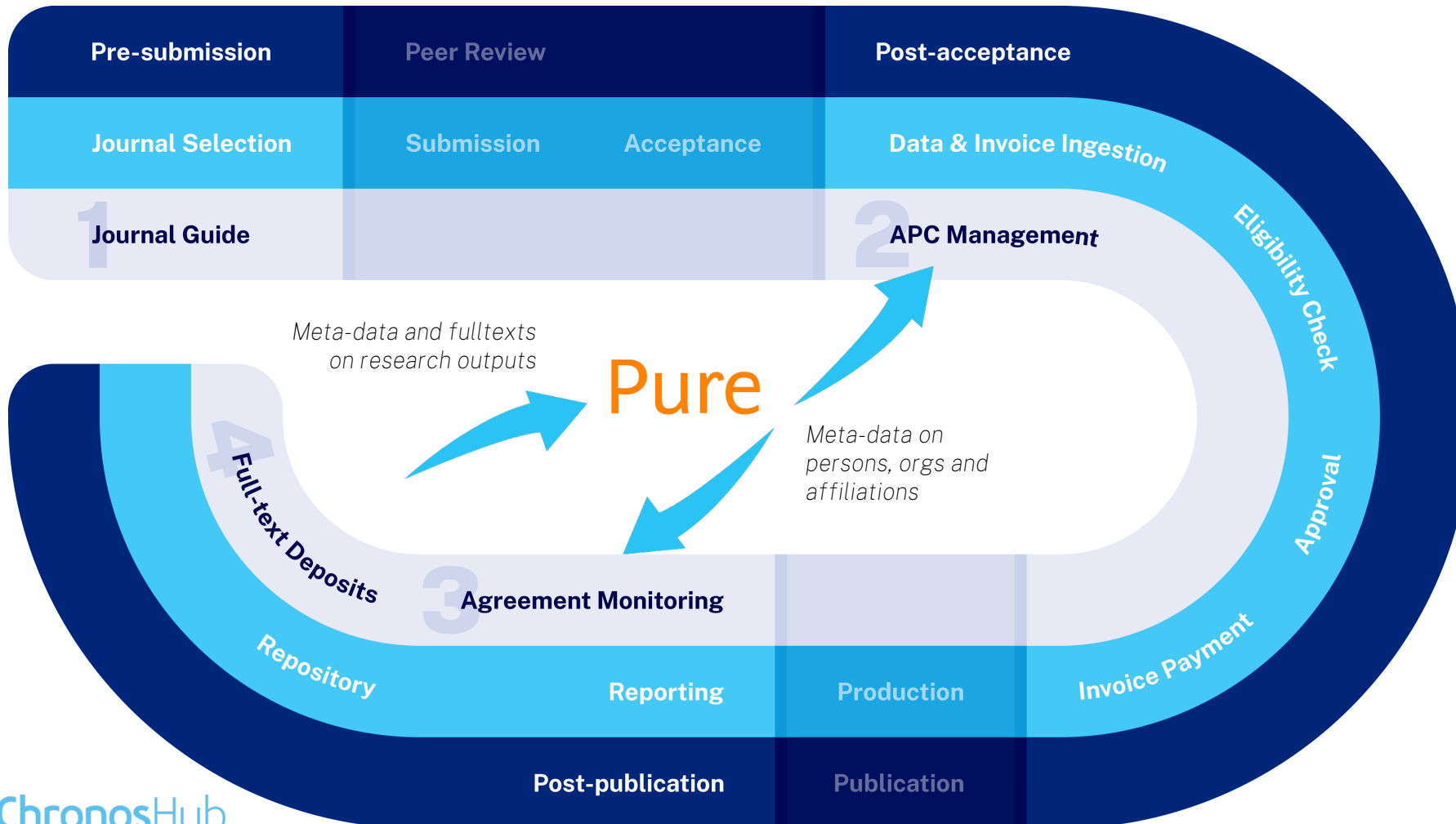
1. Journal Guide
- 50,000+ journals
- OA agreement conditions
- Funder policy compliance
- Payment eligibility checks

2. APC Management
- Invoice AI-processing
- Approval dashboard
- Funding eligibility checks
- Payments

3. Agreement Monitoring
- Agreement administration
- Data integrations
- Data reuse
- Reporting

4. Full-text Deposits
- Collection of full-texts
- Manuscript AI extraction
- Meta data enrichment
- IR/RIMS/CRIS integration

Progress so far: 1. Journal Guide
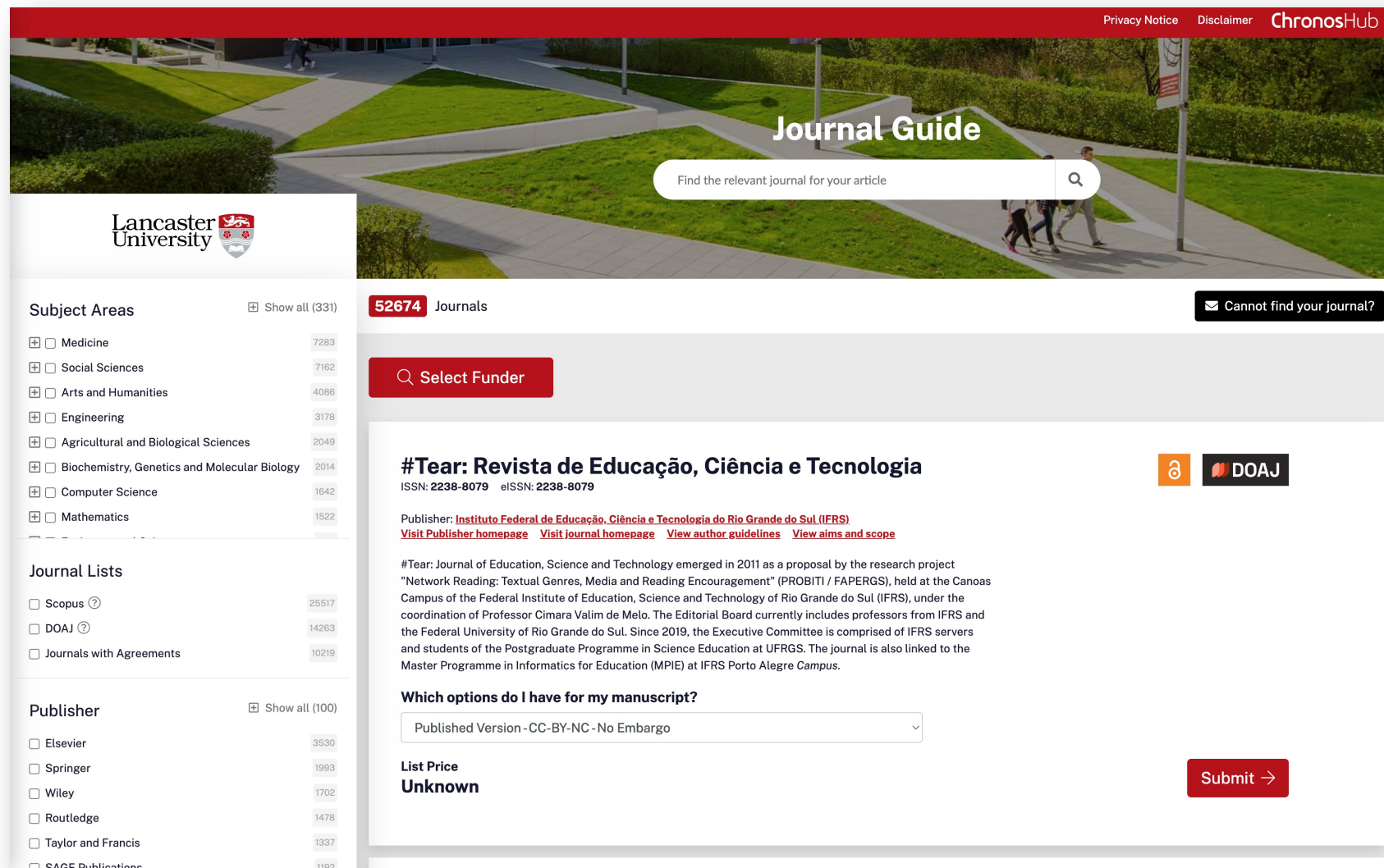
Author guidance for journal selection
Detailed open
access agreement conditions and compliance checks with funders' OA policies per journal.

Various search options:
- Search for a specific journal title or ISSN
- Filter by subject area
- 'Select Funder' to check compliance
- Filter to find journals in Read and Publish agreements

See https://lancaster.chronoshub.io

2. Agreement Monitoring - Agreement Manager

Progress so far: 3. APC Management

Want your open access publishing cost covered?

We just need a few details...

1 What is your email address?

Email Address*

example@mail.com

Are You the Corresponding Author?

Yes ● No

Continue

2 In which publishing venue are you publishing?

3 Under which license are you publishing?

4 Who is your funder?

5 What is the title of your publication?

6 Upload files

Submit

Collection of research outputs

Minimized manual admin work

AI-scanning of manuscripts and APC invoices combined with data reuse from integrations.

ChronosHub ensures the data ends up where it needs to be!

Pending approval | Approved | Rejected

Search the current view...

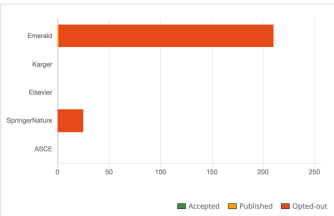| Publisher	Title	Article Type	Author(s)
MDPI	Volatile Fatty Acids Effective as...	Article	Kirk T. Semple, Ala...

Publication

Volatile Fatty Acids Effective as Antibacterial Agents against Three...
Publisher: MDPI
Journal: Molecules

Eligibility Checks

Journal is Gold OA
Yes

Journal is Gold OA

Agreement Report

Start date: yyyy-mm-dd   End date: yyyy-mm-dd   UPDATE RESET

Articles

DOWNLOAD AS EXCEL

Total Quota	Remaining Quota
235	234

Used Quota	Published Articles
1	1

Accepted Articles	Opt-out Articles
0	0

Id	Name	Start date	End date	Used	Accepted	Published	Rejected	Remaining
760	Emerald	01/01/2022	31/12/2022	1 of 210	0	1	0	209 of 210
765	Karger	01/01/2023	31/12/2023	0	0	0	0	0
766	Elsevier	01/01/2023	31/12/2023	0	0	0	0	0
769	SpringerNature	31/12/2019	31/12/2023	0 of 25	0	0	0	25

Funding requests

- One dashboard for automated eligibility checks per funding request, and approvals, rejections and communication with the authors.
- Deposit accounts and automated payments of approved requests.

Reporting

- Statistics and data on research outputs, OA fees and agreements via charts, tables, downloads and the ChronosHub API.

Author's Funding Request – for OA costs

Pending Approval – author confirms information

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Pending Approval – author confirms information

Invoice Payment Request ⚙

① Publication   **②** Invoice   **③** Confirmation

Invoice

Upload your invoice, and we'll help you pre-populate most fields. Information you type must be consistent with the invoice file.

Invoice File*

📄 050-2025_LU (1).pdf   🗑

Invoice ID*	Issue Date	Due Date*
050/2025	26/02/2025 📅	Select a date 📅

Invoice Details

Information about the invoice details must include all item details as provided by the invoice file.

Invoice Currency*

EUR ▾

Item*	Description	Quantity	Price*	Line Amount	
Choose category ▾	1 Publication fee for article: Spect	1	600	€600.00	🗑

Add invoice line

Save as draft   Previous   Next

Subtotal   €600.00

Pending Approval – author confirms information

Invoice Details

Information about the invoice details must include all item details as provided by the invoice file.

Invoice Currency*

EUR

Item*	Description	Quantity	Price*	Line Amount
Choose category	1 Publication fee for article: Spect	1	600	€600.00

Add invoice line

Subtotal	€600.00
VAT (amount)	EUR
Total	**€600.00**

Save as draft

Previous   Next

Pending Approval – author confirms information

Invoice Payment Request ⚙

1 Publication 2 Invoice 3 **Confirmation**

Confirmation

I confirm that all information supplied in this submission is correct and accurate*

No ⬤ Yes

Save as draft   Previous   Submit

Pending Approval – author confirms information

Pending Approval – Email to author

From: Lancaster University <noreply@chronoshub.io>
Sent: 18 March 2025 16:09
To: Ingham, Richard <r.ingham@lancaster.ac.uk>
Subject: [External] A funding request for your publication has been submitted

This email originated outside the University. Check before clicking links or attachments.

Dear Richard Ingham,

We're pleased to inform you that your APC funding request has been submitted. The funding applies to the following publication:

- **Corresponding Author:** Richard Ingham
- **Publication:** Spectral chaos bounds from scaling theory of maximally efficient quantum-dynamical scrambling
- **Journal:** Quantum

Designated approvers at your institution have been notified and will decision the request at first opportunity.

If you have any questions, please contact openaccess@lancaster.ac.uk.

Kind regards,
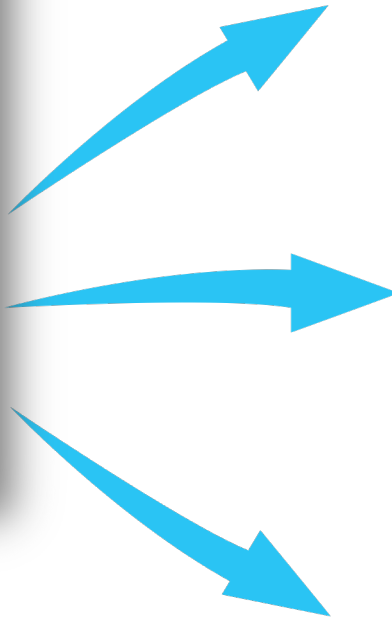Lancaster University

Pending Approval – Email to OA team

Future Developments

Want to report a new research output?

We just need a few details...

1. What is your email address?

Email Address*

[example@mail.com]

Are You the Corresponding Author? [?]

Yes [toggle] No

[Continue]

2. What is the DOI of the output?

3. Upload files

[Submit]

ChronosHub ensures the data ends up where it needs to be!

Funding requests

- Approval dashboard for automated eligibility checks per funding request.
- Deposit accounts and automated payments of approved requests.

Reporting

- Statistics and data on all research outputs, OA fees and agreements via charts, tables, downloads and the ChronosHub API.

Fulltext deposits

- The meta-data and full text of the research outputs will be automatically transferred into Pure.

Pure

Collection of ALL research outputs

Modified widget:
- Adding question whether OA fees should be paid or not
- If only reporting the output, not ask for anything else than email, DOI and upload of AAM

Future Developments
- Start using the Agreement Monitoring

Future Developments
- Start using the Agreement Monitoring

Automated consolidation of the article data for all agreements

No duplicates (using DOI), match with agreement, journal and institution

Data import via Excel or automated via OA Switchboard or publisher being on ChronosHub

Future Developments – Sync with Pure

- The integration between ChronosHub and Pure is to be finalised

- Data on persons, affiliations, grants and funders in Pure will be used in ChronosHub

- This enables a direct matching using the same PIDs in Pure and ChronosHub and a fully automated data transfer

- New research outputs (meta-data and fulltexts) will be added through the re-configured widget and transferred from ChronosHub to Pure once published to minimize back and forth

Thank you for listening, any questions?