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UARC/Library workshop: Open Access & Library Databases

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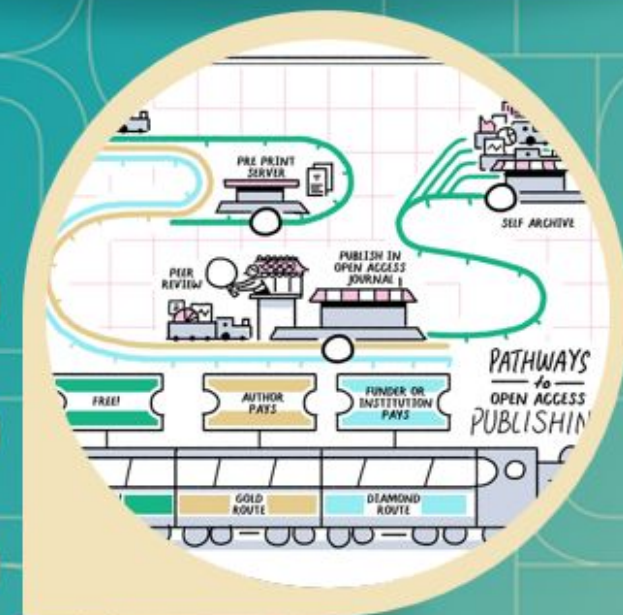
Open Access & Library Databases

Leonie Boerkamp
(Library) & Esther
Plomp (UARC)

23 October 2025

<https://hdl.handle.net/20.500.14473/171>

UARC/Library Workshop: Open Access & Library Databases



Join us to learn more about the publishing process, Open Access, and the Library Databases that we have access to!



Open Access Week!

20- 26 October

<https://www.openaccessweek.org/events>

<https://openresearchcalendar.org/>

Open Research Calendar

The screenshot shows a calendar interface for October 2025. The calendar is viewed in a month view, with the current date set to 'Today'. The calendar grid shows events for each day of the month. The events are listed as follows:

MON 29	TUE 30	WED 1 Oct	THU 2	FRI 3	SAT 4	SUN 5
• 15:00 R-multive			• 15:00 Reproduc		• 12:30 Collective	
6	7	8	9	10	11	12
12:00 Big Team Science Conference		12:00 CRAFT-OA Conference [EN]				
	• 15:00 Reproduc	08:00 Open Science Conference 202				
13	14	15	16	17	18	19
02:00 IDW 2025 [EN]				• 08:30 NRIN Ann		
03:00 Research Data Alliance Plenary 25 [EN]						
		2 more	3 more			
20	21	22	23	24	25	26
08:00 https://www.eventbrite.be/e/r		12:00 Crossref annual meeting and b		• 08:00 National		
09:00 Forum for Open Research in MENA [EN/AE]				• 18:00 A Collegi		
3 more	3 more	5 more	6 more	1 more	1 more	
27	28	29	30	31	1 Nov	2
	• 10:00 Mannheir • 13:00 Lies and t • 13:00 Open Sci		• 15:00 EN	• 13:30 PLOS Wet		

Agenda

- Open Access & Publishing process
- Short break
- Library Tools and Solutions

Open Access

<https://hdl.handle.net/20.500.14473/1711>



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Who has had difficulties with getting access to a research article?



What is Open Access?

Budapest Open Access Initiative Declaration:

By “**open access**” .. we mean its **free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts** of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from **gaining access to the internet** itself. The only constraint on reproduction and distribution, and the only role for copyright in this domain, should be to give authors control over the integrity of their work and the right to be **properly acknowledged and cited**.

Not Open Access

Subscription to journals that is paid by institutions - without this subscription there is no access, and even with an subscription you can't share and reuse components of the article as freely compared to Open Access articles (licenses).

Example paywalled article

<https://doi.org/10.1039/C7JA00312A>

Issue 12, 2017

[Previous Article](#)

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From the journal:

Journal of Analytical Atomic Spectrometry

TIMS analysis of neodymium isotopes in human tooth enamel using $10^{13} \Omega$ amplifiers



[E. Plomp](#), ^a [I. C. C. von Holstein](#), ^a [J. M. Koornneef](#), ^a [R. J. Smeets](#), ^a [L. Font](#), ^b [J. A. Baart](#), ^{cd} [I. Forouzanfar](#) ^{cd} and [G. R. Davies](#) ^a

[Author affiliations](#)

Abstract

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Earth ArXiv:

<https://doi.org/10.31223/osf.io/ky9e3>

TIMS analysis of neodymium isotopes in human tooth enamel using 10 13 Ω amplifiers

E Plomp, ICC von Holstein, JM Koornneef, RJ Smeets, L Font, JA Baart, T Forouzanfar...

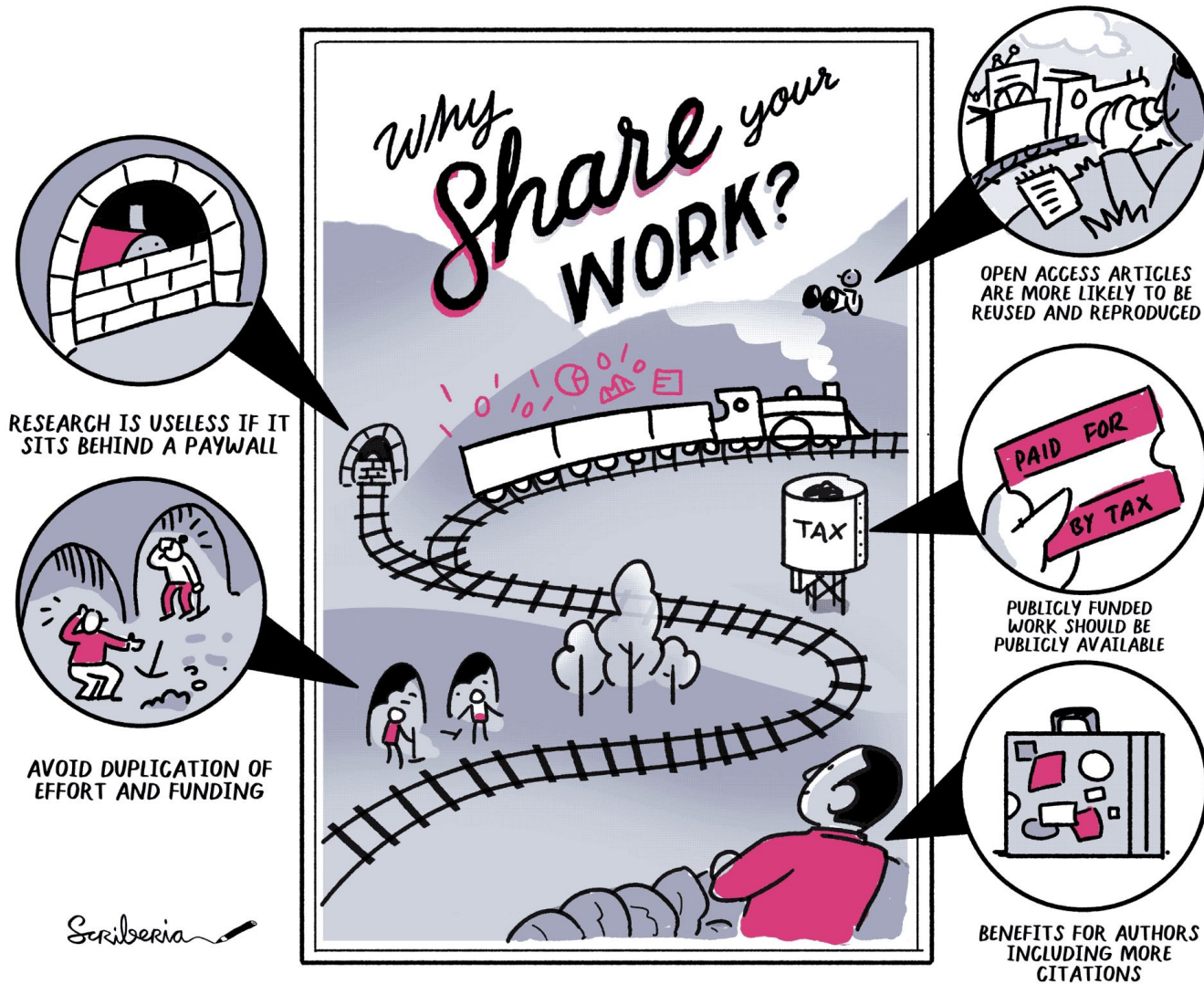
Journal of Analytical Atomic Spectrometry, 2017 - pubs.rsc.org

Human provenance studies employing isotope analysis are essential in archaeological and forensic sciences but current applications provide limited spatial resolution. This study reports on the potential of neodymium isotope composition ($^{143}\text{Nd}/^{144}\text{Nd}$) to improve human provenancing capabilities. Human tissues contain very low (<0.1 ppm) neodymium concentrations, such that previous composition analysis was not possible. Additionally, Nd composition analysis in human enamel is hindered by Ca in the sample matrix. A modified



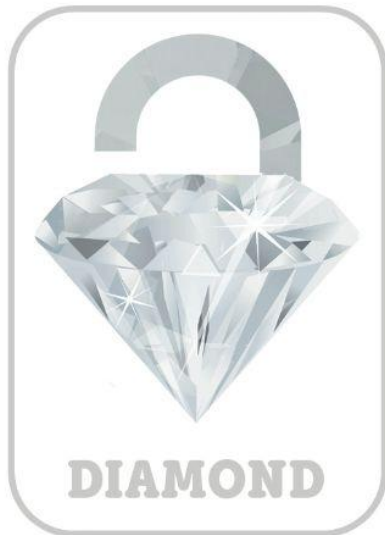
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Why Open Access?



[Huang et al. 2024](#);
[Langham-Putrow et al. 2021](#);
[Tennant et al. 2016](#); [White et al. 2021](#)

Open Access - navigating the landscape



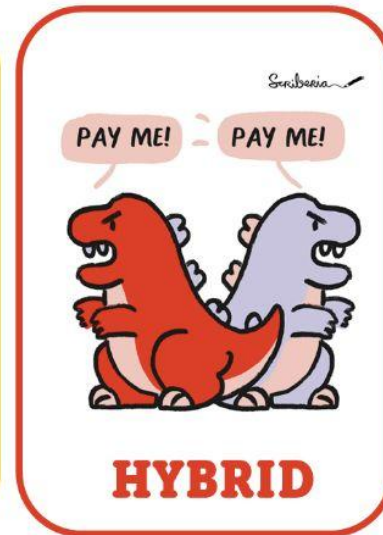
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<https://doi.org/10.5281/zenodo.12645765>

<https://hdl.handle.net/20.500.14473/1711>



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Bronze OA

No clear **license**

Temporarily open

- COVID19 articles
- Royal Society journals OA during OA week



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clear reuse permission**

Gold Open Access

With charges: Article Processing Charge (APC)

Can be unreasonably high due to impact factor/prestige associated with the journal (actual costs are estimated to range between US\$200-1000, whereas journals nowadays charge \$3,878 on average)

Ilah Man - I Want My Money Back (Soca 2009)



Open Access?



DIAMOND

Published without charges



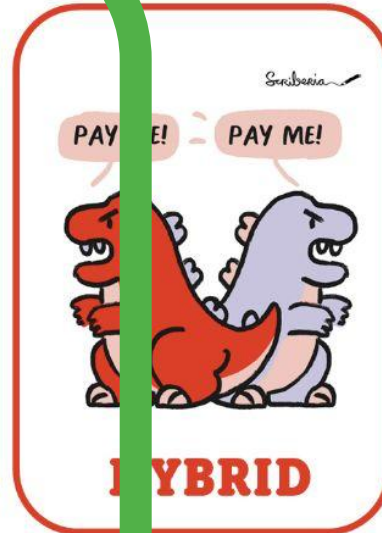
GREEN

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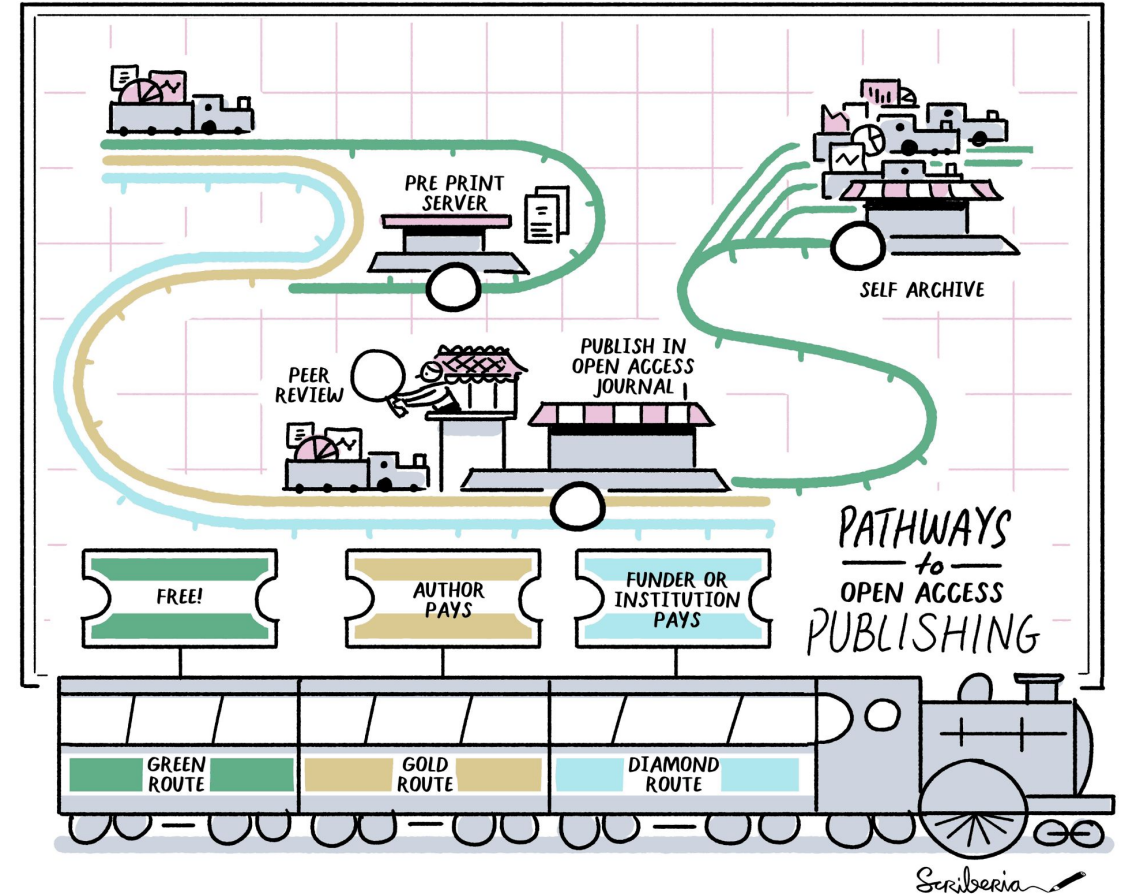


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How to Open Access?

Different pathways

- **You** (green, preprints/selfarchiving)
- **Publisher** (Gold/Diamond)



Publishing

<https://hdl.handle.net/20.500.14473/1711>



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**Who already published a
research article?**



Publication process (Open Access)

- Submitting to an Open Access journal
 - Find journals via [Directory of Open Access Journals](#)
 - Publish in [Peer Community Journal](#) (for example [Karoune & Plomp 2022](#))
- Peer review
- Updating manuscript after peer review (postprint/author's version)
- Proofs with publisher format
- Final steps (pay charges, deciding on a license!)
- Publishing the publisher's version

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What can you do?

<https://hdl.handle.net/20.500.14473/1711>



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Preprints

A preprint is a scientific research article that is uploaded by the authors to a public server **before peer review**.

- Zenodo
- [bioRxiv](#)
- [SocArXiv](#)

https://en.wikipedia.org/wiki/List_of_preprint_repositories

**Who already published a
preprint?**



Why preprints?

- Get your results out **quickly**
- Have an additional opportunity to get **feedback**
- Be able to put it on your **CV** (funders don't accept 'in submission' but do accept preprints!)
- More **citations** (19% according to [Colavizza et al. 2025](#))
- **Free!**
- **Open Access** - especially if research article will be behind a paywall

Advanced: PREReview

- Preprint reviews (and data!) via [PREReview](#)
- [Great resources](#) that can help with peer reviewing in general



▼ Menu  English

Open preprint reviews. For all researchers.

Provide and receive constructive feedback on preprints from an international community of your peers.

[Review a preprint](#)

[Request a review](#)

[Review a dataset](#)



Self-archive if paywalled

Open Knowledge Repository or preprint server

Use a non-commercial solution to share the author accepted manuscript/postprint

Always check journal policies! (or ask the Research Center!)

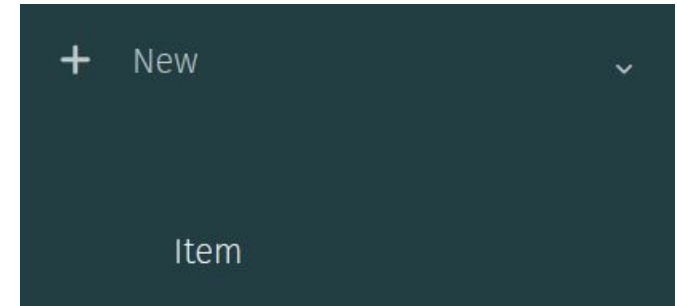
- There is usually an embargo period and restrictions on which version you may share
 - For example: Boom allows publisher version to be shared after 6 months instead of the author's version.
- Open Policy Finder

Open Knowledge Repository

Adding a new record

- Login with your UA details on the [Repository](#)
- Add a new item and fill out the upload form
- Join the November workshop for more support!

If the record already exists, email a copy of the article to research@ua.aw to add it



Additional Resources

History of Scientific Publishing -

Where do we go from here?

Open Access - The Turing Way



Questions?



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Break!



Library Databases

<https://hdl.handle.net/20.500.14473/1711>
<https://hdl.handle.net/20.500.14473/1711>



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Searchterms, Boolean Operators

- First break down your research question into words.
- Find synonyms and related terms for these words.
- Think about abbreviations and acronyms
- Continuously adjust and improve

AND
(between the searchterms)

OR
(between synonyms)

NOT
(to exclude)



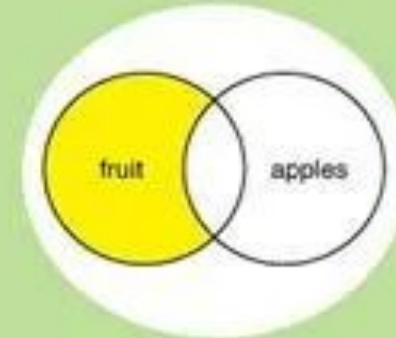
OR

- Any data point present
- Inclusive



AND

- All data points are present
- Exclusive



NOT

- One data point is present but not other



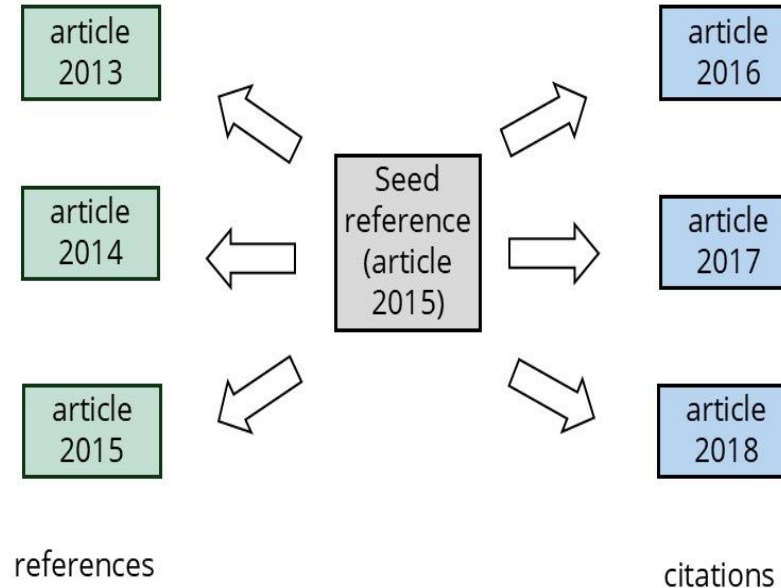
Literature search

Snowball search method
(older publications)

Citation tracking
(newer publications)

Backward citation search

Forward citation search



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Available Databases (Stone) & Catalog

- EBSCO
- SAGE Journals
- SAGE Research Methods
- JSTOR
- HEINONLINE
- EMERALD
- *(Google Scholar)*

Catalog:

aruba.worldcat.org

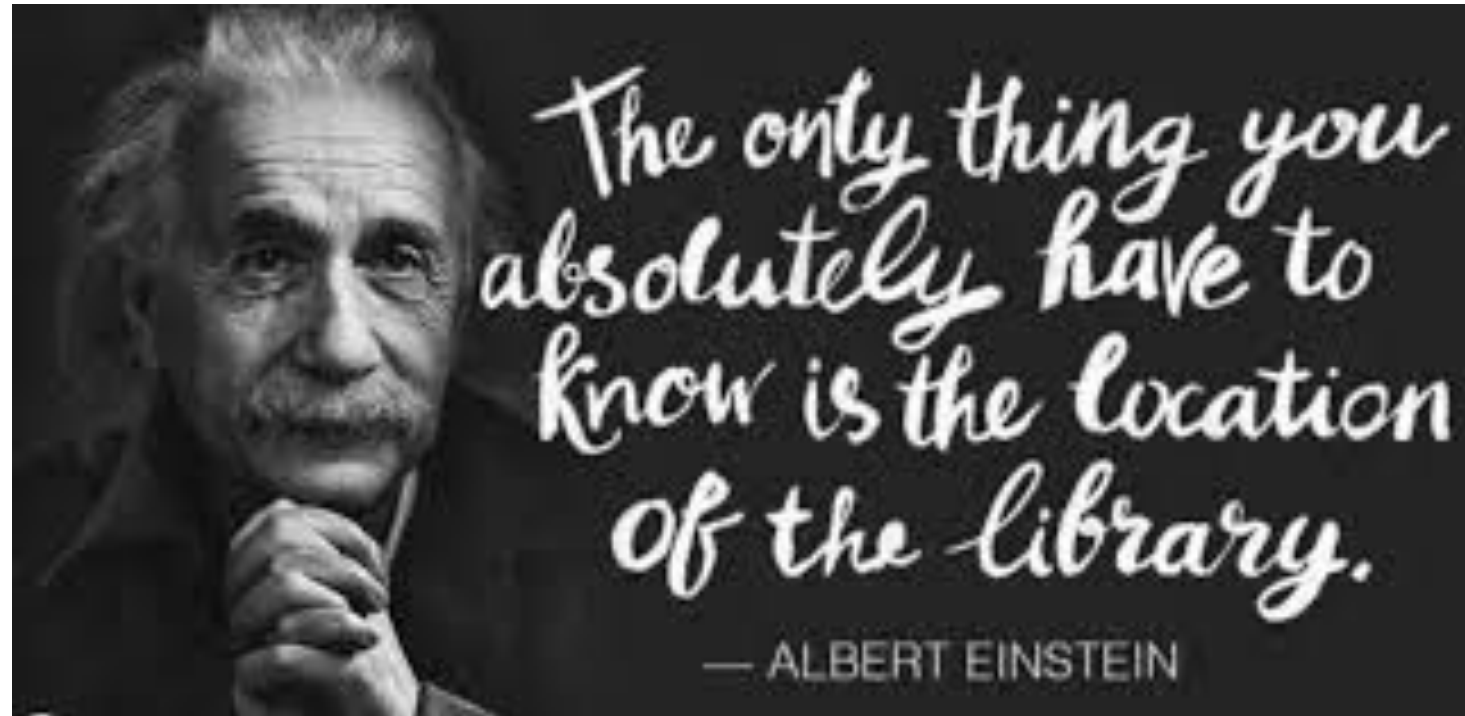


What if...

You can't find the article?

Steps you can take

Ask a friend (Library)



Next Events

Book Dash

11 November

Writing Sprint
27 October (10-12 AM)

UARC Event: The Turing Way Book Dash



Tuesday
11 November 2025



Whole day event!

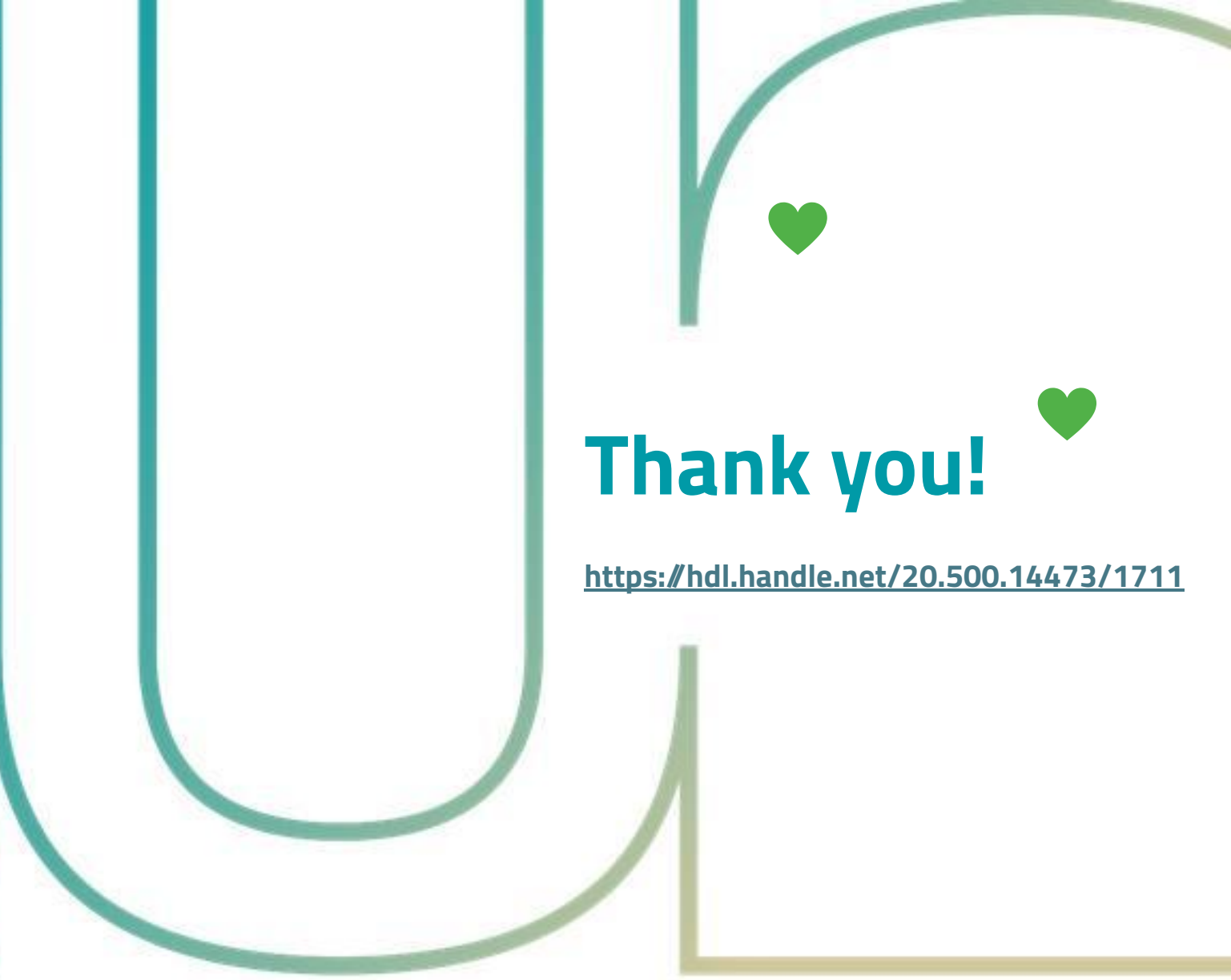
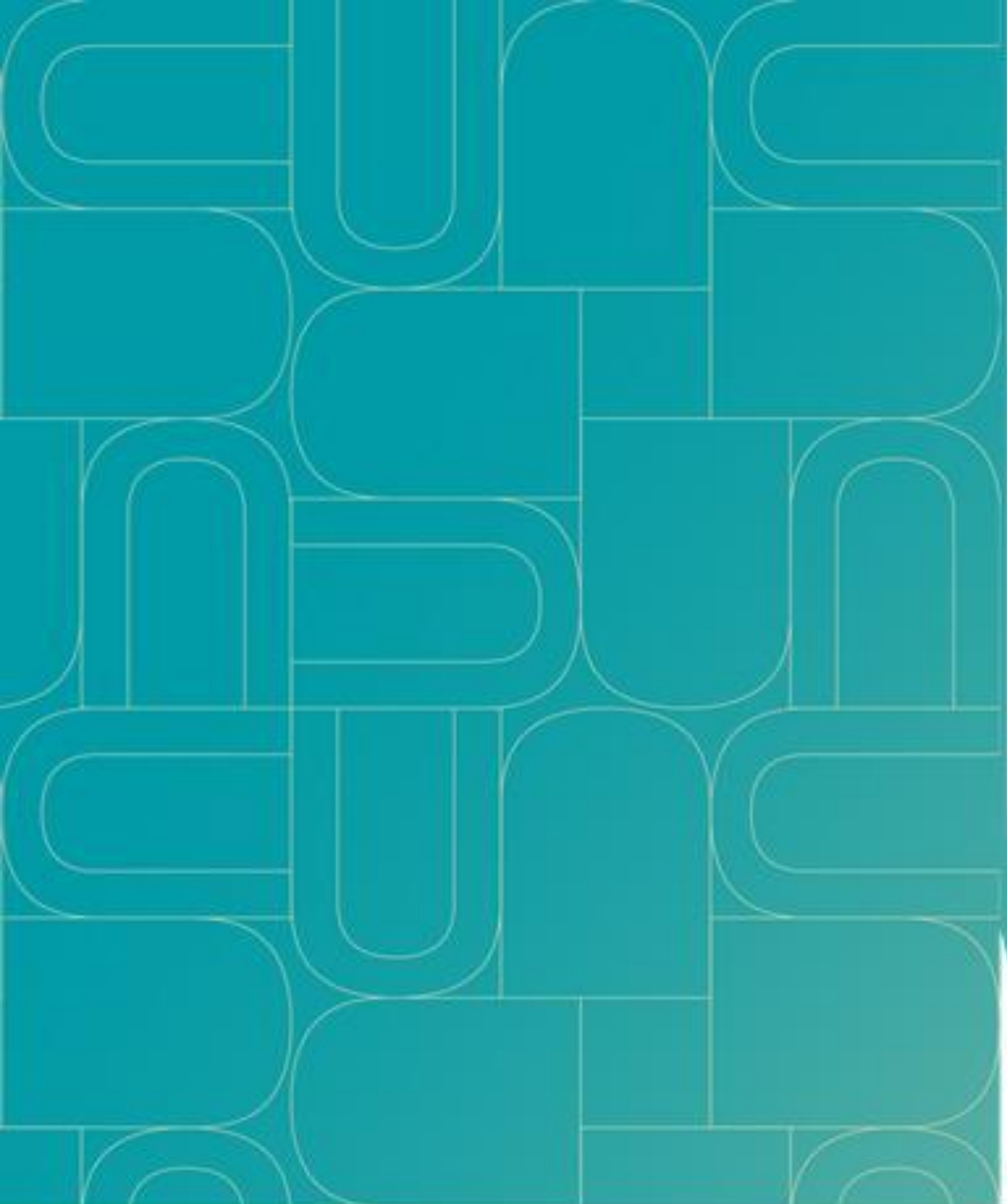


MC Chapel + to be
announced



Join us if you're interested in data science!





Thank you!

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