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After lunch, Inge Stegeman, with "Open Science to Increase Reproducibility in Science: The OSIRIS Project" - osiris4r.eu
Is Open Science going to solve all our problems with reproducibility? Are there benefits or harms?
Let's study this! We got funding and a good group from all over Europe
[#WCRI2026](https://wcri2026.org)



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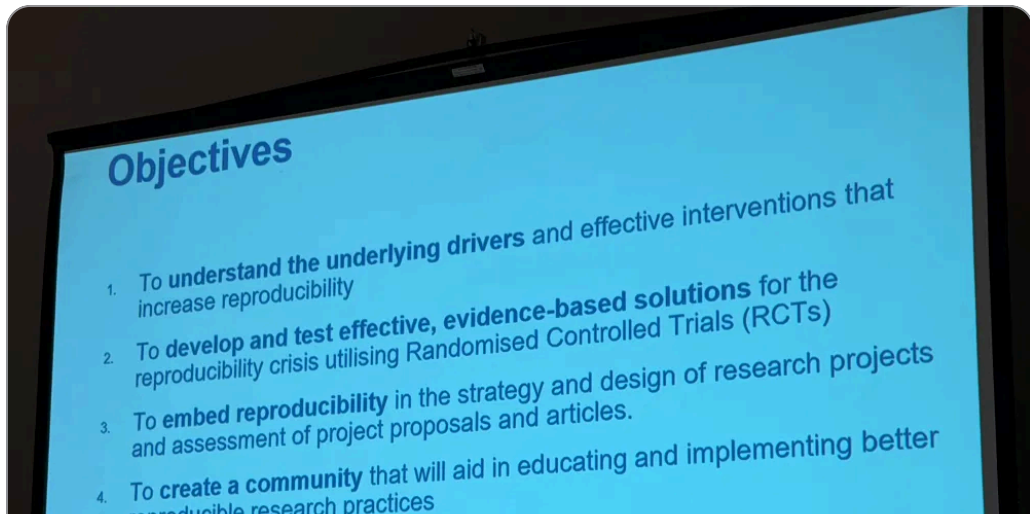
IS: There wasn't much data to determine whether Open Science helps with reproducibility. But some good examples too: osiris4r.eu/wp-content/u...
It's hard to find patients who want to be randomized!
If you are a meta-scientist: MERRI-collaboration:
merricollaboration.github.io
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Next: Mads Sørensen @au.dk with "Disciplinary Differences Matter" Survey: 2,534 responses: how is genAI used in research? Have you used it? We also asked about 32 use cases - if they were problematic (QRPs). Paper: www.sciencedirect.com/science/arti...

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MS: 3 clusters of responses:
1. GenAI as a workhorse: 35% of respondents approved of use for language editing, coding, data analysis, but critical of use for creative tasks
2. 24% - its a glorified spellchecker

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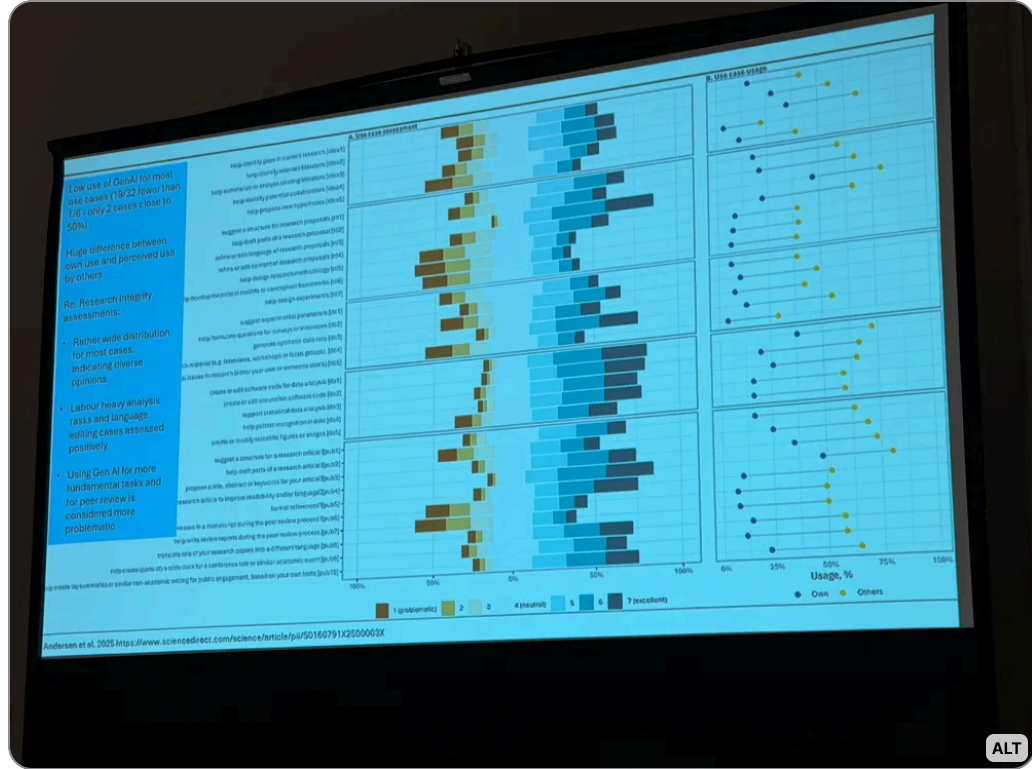
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3. 41% - GenAI optimists, lauding it for efficiency

No gender age differences

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[Lots of phones suddenly starting to beep - some emergency test]
MS: There were differences, though, between disciplines.
We need to focus more on how research is done -
Tailor guidance to specific needs and research contexts - no One-Size-Fits-All.
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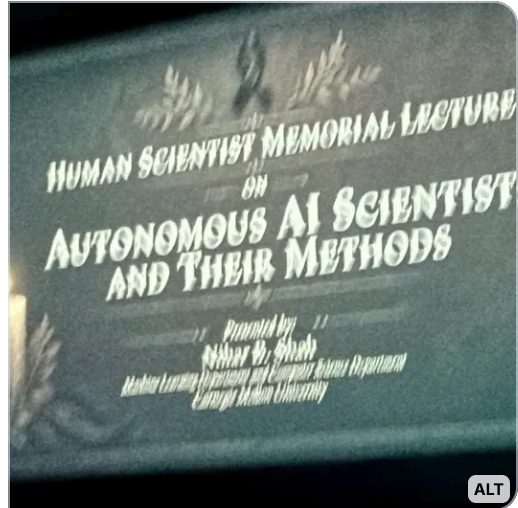


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Next: Nihar Shah @cmu.edu with "The More You Automate, the Less You See: Hidden Pitfalls of AI Scientist Systems"

[The room goes dark, ominous music sounds, and a slide comes up]
We find that AI scientist systems exhibit multiple pitfalls violating research integrity.

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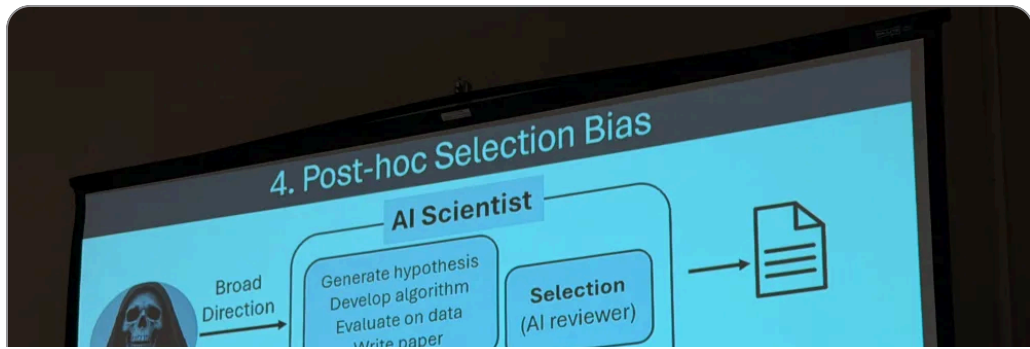
NS: 1) Benchmark selection: prefers benchmarks with strong pre-existing results
2) Data leakage
3) Metric misuse (not observed)
4) Post-hoc selection bias: Their internal mechanisms p-hack results by conducting multiple experiments and selective reporting only the most favorable one.

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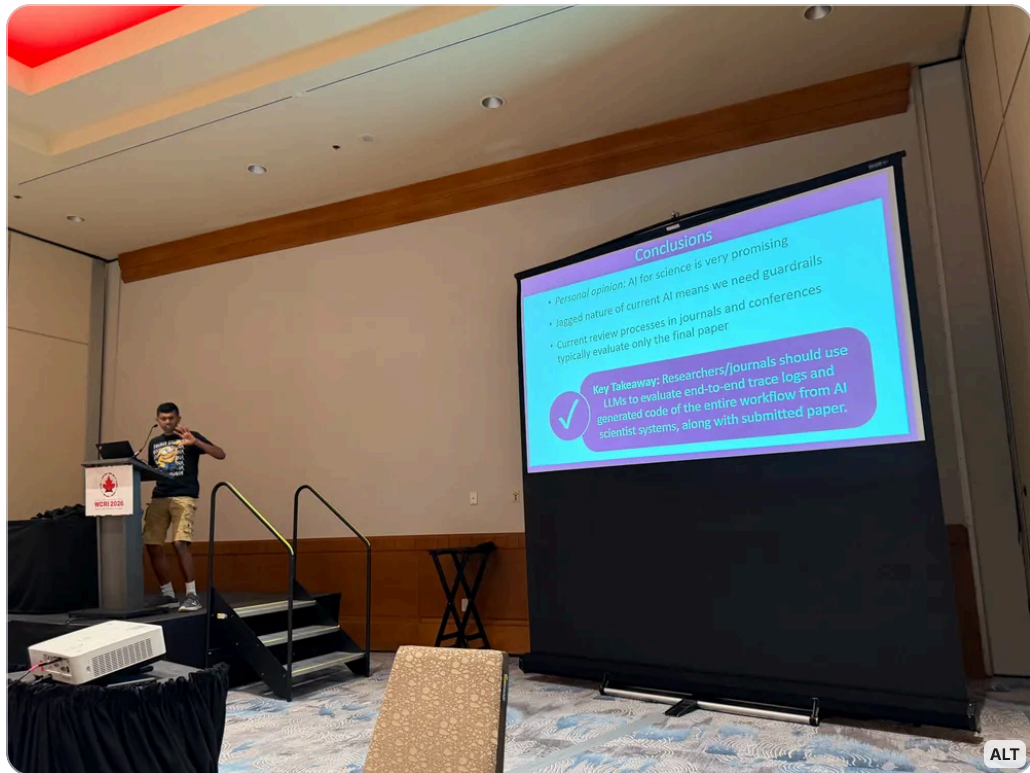
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NS:

- * Personal opinion: AI for science very promising
- * Jagged nature of current AI means we need guardrails
- * Current review processes in journal/conferences typically evaluate only the final paper

So: The Human Scientist Memorial Lecture Series has been postponed until further notice.

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Next: Farah Naz Rahman, Monash University, with Ethical Challenges in an Observational Study with Adolescents in Bangladesh: Researchers' Reflexive Insights on Participant Wellbeing, Integrity, and Responsibility" Topic: overlap of research misconduct with ethical quality in human research

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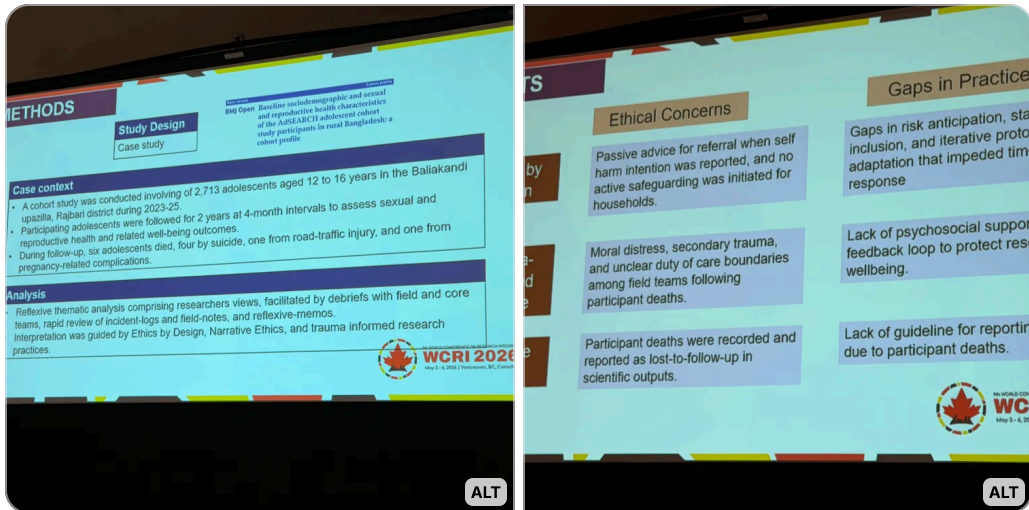
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FNR: Study: 2,713 adolescents (12-16y) in Bangladesh studied for sexual and reproductive health and well-being outcomes. Gaps in risk anticipation, lack of psychosocial support, including for the researcher's well-being. Lack of guidelines for reporting attrition due to participant deaths

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Next: Louisa Savereide, Maidstone Consulting Group, with "AI in Research and Data Integrity"

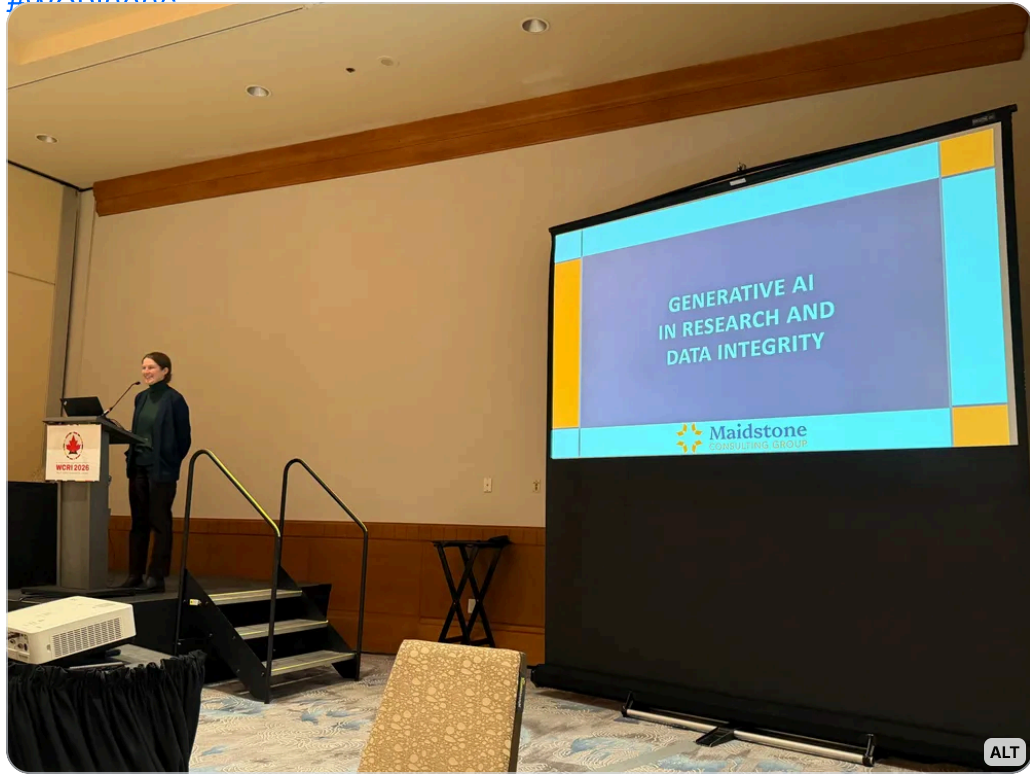
We support research institutions with questions about data integrity. We help with guidelines or with allegations.



Feedback

AI can be used by researchers or in the evaluation of research.

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LS: Our group published: www.nature.com/articles/s44...

What disclosures can provide meaningful information given unknowns about how AI is "thinking"?

AI can also be used for data forensics support, for image/text analysis. But beware of false positives/negatives.

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LS: The technology is changing so fast - we have to think about how to deal with it - this will provide guidance on how to safely use AI in the future.

Discussion: How to quantify this?

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Next: Thembeke Sdinane from Nelson Mandela University, with "Relationality, Complexity and Situational ethics in Conducting Research in Rural Settings of South Africa"

Indigenous knowledge systems do not always align with existing epistemological practices.

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TS: Conducting research in rural communities comes with challenges: research conduct guidelines, such as ethical and integrity principles, should be applied within the context in which they are being applied. Example: contact between young female researcher and elders in rural setting.

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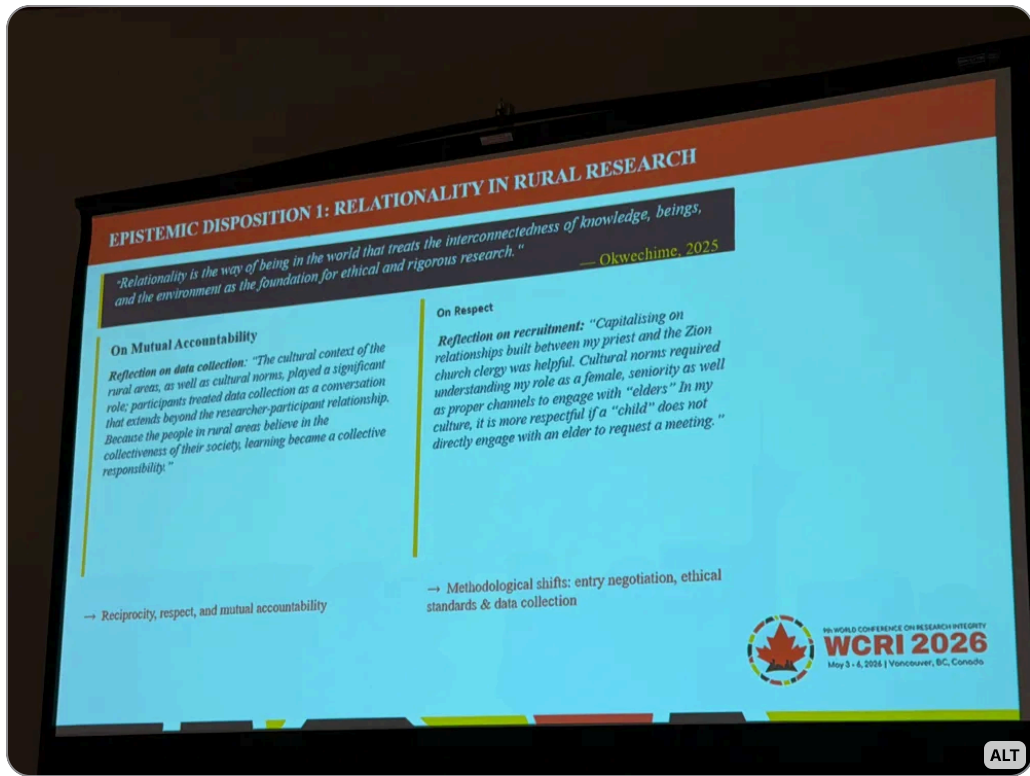
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After a short tea break, we made it to the closing ceremony. Chris Graf @springernature.com and conference chair, opens the closing. We will now move on to the award ceremony - there will be many!

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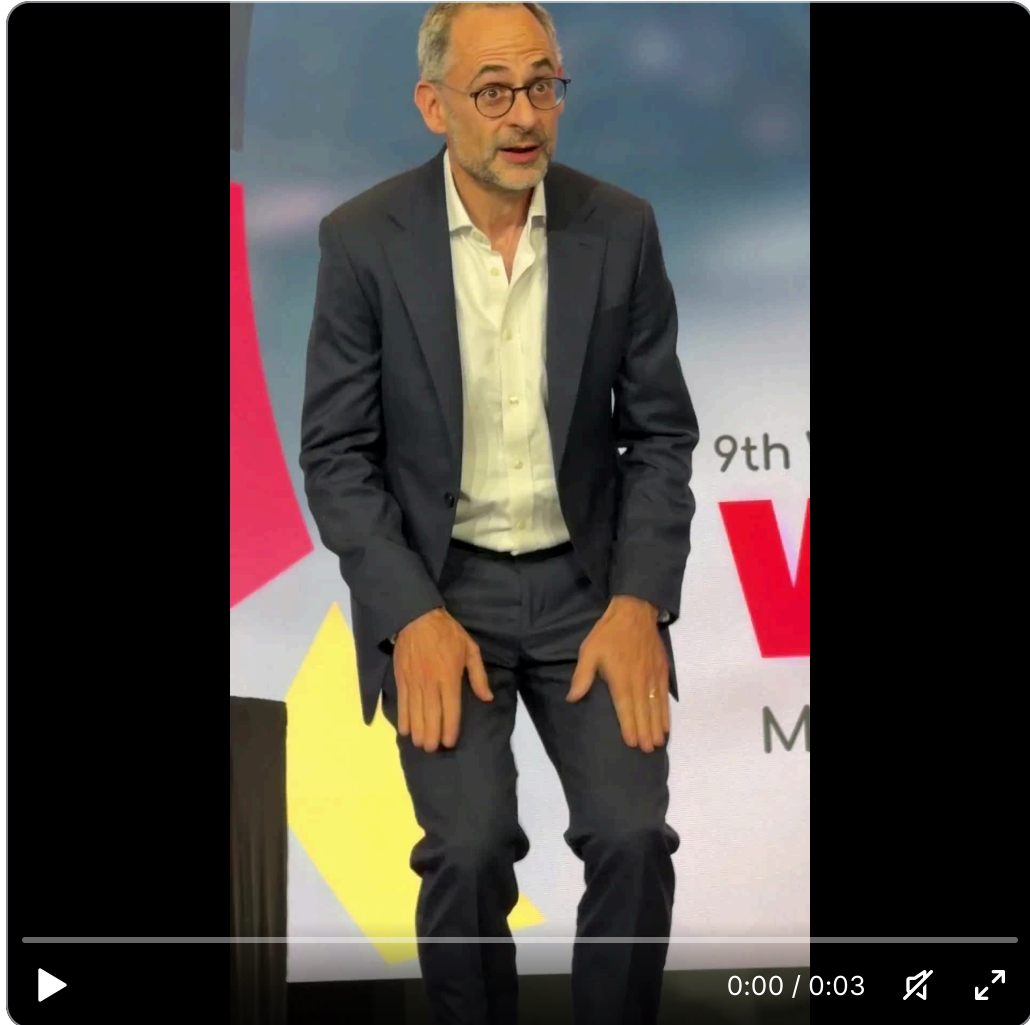
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Chris Graf teaching us how to do the bodily drumroll for all the upcoming awards:

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Lots of awards, very fast, I cannot keep up, and the official photographer is blocking my view.

Postdoc awards, oral presentation awards, poster awards.

Anderson-Kleinert Diversity Awards: Allen Mukhawana, Vladyslava Kachkovska, Lisa Dixon (for someone else?)

Congrats to all!

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Zoë Hammatt, @wcrifoundation.bsky.social Governing Board Member thanks all the retiring board members, including Sabina, Lex Bouter, and Lynn. Each of these members has laid the foundation for research integrity and will receive a wooden art object made with local wood.

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Chris Graf thanks all the sponsors, reviewers, committee members, local conference team, Jay Denay [sp?], our opening ceremony dancer, Global Planning, tech support, and most importantly, thanks to all of YOU!

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And now the announcement of the next WCRI!
Drum roll please.....
Tallinn, Estonia!
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4:00 PM · May 6, 2026

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1 comment 2 reposts 4 likes

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Write your reply



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Margit Sutrip, University of Tartu, welcomes us to the future 10th World Conference on Research Integrity. She cannot promise beautiful weather, but Tallinn is a wonderful place. Her grandfather died on a ship from Vancouver, so she feels very connected to both Tallinn and Vancouver.

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See you in Tallinn, in 2028!

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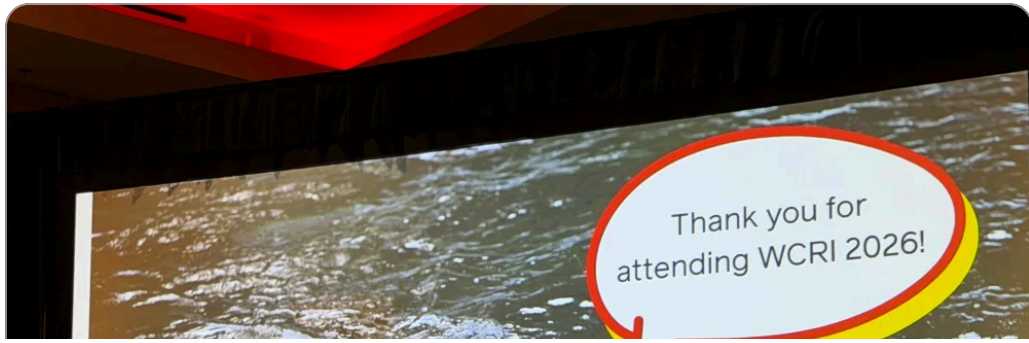
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Thank you, all the sponsors, for making this possible.

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And a photo of all those award winners. Congratulations to all!

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