

FAIR data for AI and AI for FAIR data

Questions posted on Slido

- Why do you think there is an issue with for profit publishers? If it is all about data quality the underlying business model should not be an issue.
- Undoubtedly FAIR data are critical for trustworthy AI. But one could argue that software has an equally important role. How can we make sure equal care is given?
- How can we unite industry and academia in standards setting for FAIR models - for example in RDA's FAIR4ML initiative and schema.org's croissant initiative?
- What could the panelists recommend in terms of "low hanging fruit" to use LLMs/AI to apply FAIR principles to research data?
- Looking at the evolution of the EOSC: What issue would you recommend to be taken care of first with respect to FAIR Data and trustworthy AI?
- What do you expect to be the most common AI use cases in research?
- Is it unethical to utilise an AI model in research that may have been trained on material without the owners' consent? If so, how do we avoid that?
- How to monitor the quality of data (FAIR) transmitted to an application pipeline (software), from raw data to data from data processing and/or digital simulation
- The incentives are linked to changes in research assessment - in the meantime, how research communities will feel about curating data to sustain fair AI models?
- Why did you mention openalex & not other open infrastructures like Openaire or open citations? OpenAlex born 2 years ago and what about EU tech sovereignty?
- Would it be a start to put the standard that the ai model should document each step in processing data itself? (E.g. ChatGPT can document it's steps in python)
- Weather forecast is a great example where AI has made huge steps, e.g. AIFS, being better from both deterministic & ensembles models, based on high-quality data
- Open Alex is not a publishing platform. It's a bibliographic database harvesting data. Publishing is a lot of plumbing not just the result published versions.
- Are AI & FAIR meta systems compatible with medical data processing?
- The Diamond OA and open journal system should be mentioned in the discussion connected to the topic of sovereignty from commercial publishers.
- Great to invest in data services/ RI, but how to solve the problem that publically funded institutes run into state aid issues, when they want to pay for these.
- Julia Lane's presentation is very interesting. Is it possible to obtain the references presented?