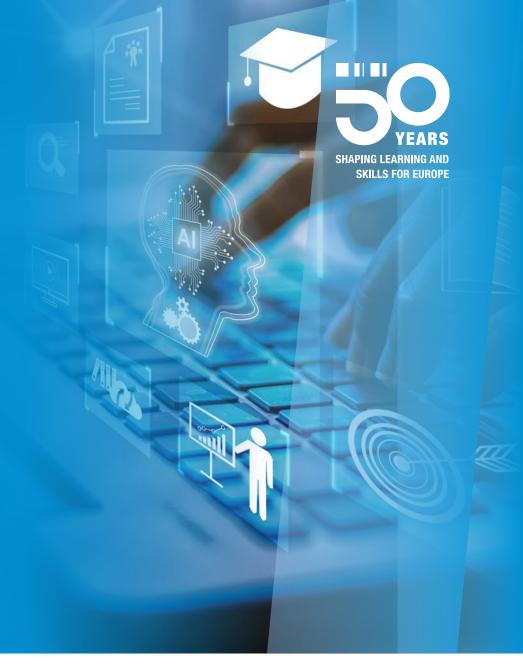


# Workshop on Al@ReferNet: challenges and opportunities

23rd ReferNet annual plenary meeting



#### **Disclaimer**

Cedefop is not promoting any particular AI tool but rather aims to present various possible use cases. No sensitive data are used during this session.

When using Al for research/analysis purposes, particular attention should be paid to not infringing copyrights.

The Al Act, the EU regulation on Al, defines a series of highrisk use cases which require specific measures, including education and VET, and employment. You can find more information here.



## State of play

Large Language Models: Corpus/Text (Rogers, 2025)

Most LLMs are **English-focused** and **generic-purpose** – need for more domain-specific and language-specific LLMs (Nakov, 2025)

Factuality and fact-checking: 'Hallucinate' chosen as Cambridge dictionary's word of the year in 2023 (Nakov, 2025)

Emergence in LLMs: a property that a model exhibits without explicit training (Rogers, 2025)

There is more than text: **multimodal** models process information in the form of images, charts, speech, sounds, video, code (Fernández, 2025)





## **Challenges and opportunities**



# How to integrate LLMs into human practice the right way?

- LLMs can be useful
- LLMs produce text, not information!
- Naively adding LLMs into existing workflows can lead to automation bias and skill degradation

(Rogers, 2025)



#### How to address the threats of GenAl?

- Detecting machine-generated content
- Checking content authenticity and provenance
- Regulations / Legislation
- Promoting Al literacy
- Making LLMs more factual

(Augenstein et al., 2024 in Nakov, 2025)





### **Discussion**

**Al Use:** Which Al tools does your organisation use, and for what purposes/tasks?

**Impact:** How have these tools improved your work or processes?

**Support:** What support or collaboration would you like from Cedefop on AI?





# Thank you

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