Contribution ID: **134**   Type: **Poster**

Using ChatGPT in Lesson Planning: Opportunities and Limitations

Saturday, 18 May 2024 13:00 (1h 20m)

The rapid rise of ChatGPT and similar large language models (LLMs) has given teachers access to a new and potentially valuable resource. But while many teachers may focus on the potential in-class applications of artificial intelligence, there is also potential for LLMs to support teachers outside the classroom. This poster presentation will explore the use of ChatGPT and similar LLMs in lesson planning and materials development.

ChatGPT may be used by educators in a number of ways: it can generate texts, create comprehension and discussion questions, suggest activity and project ideas, and even design lessons and entire syllabi. The presentation will examine ChatGPT's abilities and evaluate its effectiveness as a lesson planning tool, and provide suggestions on how language teachers can make effective use of LLMs. Also highlighted will be the potential limitations of using LLMs, notably the risk of hallucinations or factually incorrect responses, and how best to prevent these problems from arising. By being aware of both the opportunities and limitations of using AI, teachers can make informed decisions on how (and whether) to use it.

Keywords

artificial intelligence, AI, ChatGPT, lesson planning

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Session Classification: Posters Session

Track Classification: Artificial Intelligence CALL: AI for Teaching