



# SAHLA Symposium 2024

Axis Cogni-Solve Ltd.

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## AI Updates since last symposium, with GPT-4o

Email: [info@axiscognisolve.com](mailto:info@axiscognisolve.com) for a copy of this document. Mention SAHLA Symposium 2024

### Introduction to Realtime Translation



Live demo of GPT-4o Realtime translation

<https://www.youtube.com/watch?v=c2DFg53Zhvw>

OpenAI – ChatGPT-4o (o=omni)

Make sure you download the Authentic Real OpenAI ChatGPT-4o app.

**FREE** but with extremely constraints. Some features in long version of promotion video either not available or you will have to pay for them.



Some upgraded hints:

1. Say Refresh or Reset or Start again – to go back to square one.
2. Remember to set up ChatGPT before using such as context, persona, etc. still relevant for effectiveness.
3. Try and play with certain key words like function, translate, convert, interpretate, response, etc.
4. **Still not perfect yet. Can be frustrating using it.**

Free stuff quality. Generalization:

1. ChatGPT (OpenAI) – LLM “Intelligence”

a. <https://openai.com/chatgpt/>



b.

2. Copilot (Microsoft) - Graphic and system integration

a. <https://copilot.microsoft.com/>



b.

3. Google (Gemini) – Ethics and safety

a. <https://gemini.google.com/>



b.

4. All three AI systems’ security are still vulnerable.

a. Technical reference:

b. <https://owasp.org/www-project-top-10-for-large-language-model-applications/>





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OpenAI ChatGPT Language setting and support

<https://help.openai.com/en/articles/8357869-how-to-change-your-language-setting-in-chatgpt>



## Starter activities:

Remember to ask ChatGPT to be translator or repeater or responder, in different languages.

1. Speak language 1 and ask to response in language 2.
2. Speak language 1 and ask to translate into language 2.
3. Ask ChatGPT to translate both spoken language 1 and language 2 into language 3.
4. Ask ChatGPT to translate language 1 into language 2 spoken and language 2 written. In this case you will have to use two phones. One for verbal response and the other for written response.
5. Need to have the right syntax for your prompt, and your conversation. The latter is harder to control. Academia uses logging for repeatability.

Prompt that may still be useful from last year.

1. Ask how a certain grade of age will say or do.
2. You can create quizzes like last year, but now with more constraint limits such as tokens?
3. Need more experiments.

## Conclusion:

Avoid leading and bleeding edge technology unless you want to spend money or can put up with frustration, for production work. Play is fine.

## Bonus for technical expert.

Can you OpenAI interfaces or even Llama to develop your own app and custom interfaces for your school, to avoid paying for large amount of prompt licenses.



Meta Llama 3 <https://llama.meta.com/llama3/>