



INDUSTRY-ACADEMIA FORUM
TO UNCOVER THE POTENTIAL OF
EMERGING ENABLING TECHNOLOGIES



Talking AI avatars

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Video 1 – Picture + Audio

A talking AI avatar can be created by combining a picture and an audio. In this case the picture and audio were made separately, but that is not necessary. Instead, the user can choose a pre-made avatar and create the audio from text. This example was made with Runway.



This is an edited version of a picture created by Samuel Putkonen. The editing was done with Runway.



The speech was written with AI, based on the first day of the story of Theseus. The text was then converted into audio using Runway.

Video 1 – Result

The result is quite good. The picture provided was not easy for the AI, because it has a unique hand-drawn style. A more realistic image would have produced better results.





Video 2 – Avatar + Text

The video on the next slide was created with Canva and HeyGen (Canva provides access to HeyGen, but HeyGen can also be used independently). The avatar and voice were chosen from a large set of pre-made options. Only a text was provided to produce the speech. The avatar could have been generated from any picture, and the voice could have been pre-recorded.

Note the hand gestures in the video. They were created by the AI.



Video 2 – Result





Video 3 – Funny accent

The AI can generate speech in many languages and accents. In the following video a humorous thick Finnish accent has been used for the avatar. The audio was created with ElevenLabs. Canva and HeyGen were then used to create the talking avatar.

Note that Video 3 has been created using the same image and text for the speech as Video 1, but otherwise they have been created using completely different AI tools.



Video 3 – Result

