

A glimpse of the future

WU
VIENNA

AI: From being a tool to being a counterpart

Presented at the Seamless Learning Conference 2025

WU Future Learning Experience Centre

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Overview

1. Showcase 1: AI as a tool
2. Showcase 2: AI as a designer
3. Showcase 3: AI as a creator
4. Showcase 4: AI as a transmediator
5. Showcase 5: AI as a counterpart

Showcase 1

AI as a tool

AI passively processes uploaded videos and photos in the background and creates realistic 3D models from them, in which users can move around freely.

Showcase 1

From Video to 3D Reconstruction

Gaussian Splatting in the Flex Lab



Showcase 2

AI as a designer

AI creates persistent virtual environments based on input (text or audio) that can be accessed by multiple users simultaneously. No prior knowledge is required to create these environments.

Showcase 2



Source:
[TriCAT - Generative AI meets Corporate Metaverse!](#)

Showcase 3

AI as a creator

AI creates a continuously generated world based on input (text and optionally images or videos), in which you can move freely and interact with objects.

Showcase 3



Source: @holynski_

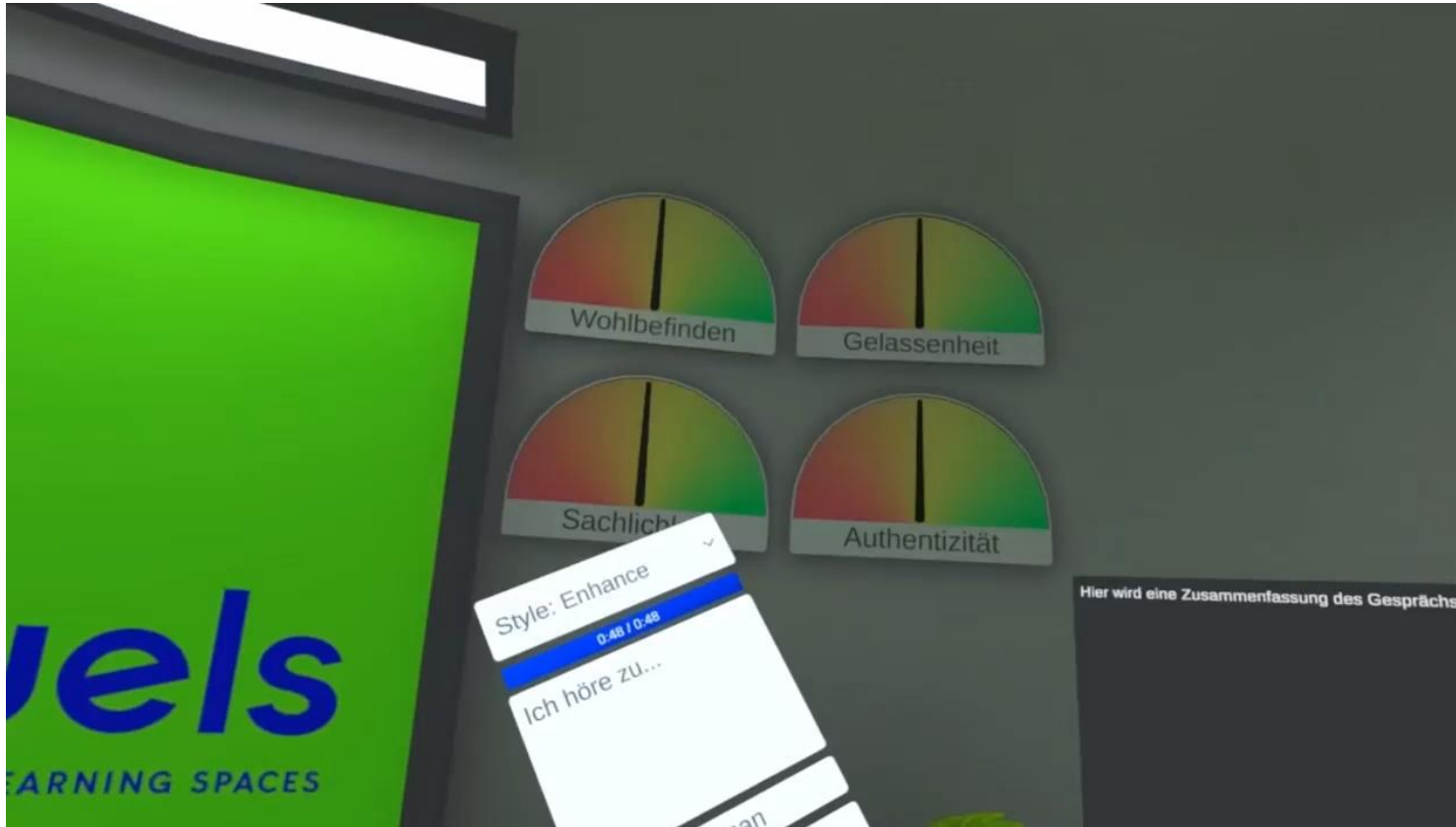
Source:
[Two Minute Papers – DeepMind Just Made The Most Powerful Game AI Engine!](#)

Showcase 4

AI as a transmediator

AI analyses the content of a conversation between several users in a virtual room and adjusts the lighting in the room based on the current mood. It also creates images that match the content, thus acting as a source of inspiration.

Showcase 4



Source:
[future learning spaces -
Imaginarium Multiuser Demo](#)

Showcase 5

AI as a counterpart

AI interprets and analyses how a prompt is spoken. The AI is embodied as an avatar with which you can communicate freely via audio. Based on its interpretation the AI avatar responds to the text with facial expressions and a deeper understanding.

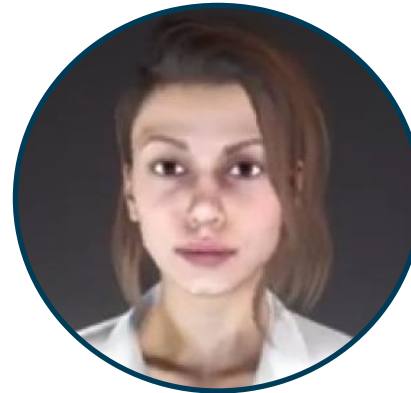
Showcase 5



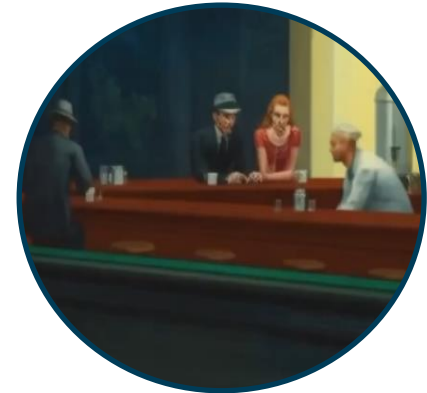
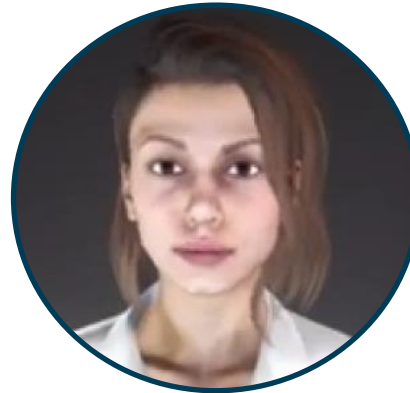
Source:
[HCI Hamburg - IEEE VR 25](#)
[Demo: Bringing Intelligent Virtual Agents to Life in the Metaverse](#)



Conclusion



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Discussion

Which specific benefit could these future technologies bring to your discipline?

In one word — what benefit stands out most for your field?



Discussion results from the plenary discussion at the Seamless Learning Conference on October 16, 2025

Future Learning Experience Center (FLEX)

[Learn more about WU's FLEX](#)

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