We propose Teachyverse, an immersive VR lecture hall that combines e-learning, traditional learning, and remote collaboration. Teachyverse immerses the lecturer and students in a virtual lecture hall. Our proof-of-concept study shows that students perceive it as fun and would like to use Teachyverse as a further E-Learning option.

Concept
• Students and lecturers meet for lectures in VR
• Remote usage possible
• Avatars represent each person
• Selectable facial expressions to express interest
• Communication through voice chat
• Recording for re-watching

Proof-of-Concept Study
• 30 students attended (3 remote)
• open discussion and questionnaires
• students would like to use Teachyverse from home or off campus
  • 5 preferred it over video recordings, because it closely resembles a real lecture
  • students wish for more complex presentations of materials, such as 3D

Students
• can choose their position via teleport
• choose their facial expressions
• control voice chat options

Lecturer
• has own presenter view
• controls recording
• has different tools

Tools for the lecturer

Contact: geiss@tk.tu-darmstadt.de