

Forschungs- Mittwoch

#148

HKB Forschung

Institut Praktiken und
Theorien der Künste

1. März 2023

17.30 Uhr

HKB, Auditorium

Fellerstrasse 11

3027 Bern

Emotional Perception in Immersive Virtual Reality

Der Fokus des Forschungsvorhabens liegt auf der emotionalen Wahrnehmung in immersiven Virtual Reality (iVR) Erlebnissen und dem künstlerischen wie kunsttherapeutischen Potenzial von iVR als «Empathie-Maschine».

Hinweis: Der Vortrag wird in Englisch gehalten.

Speakers:

Mariia Kasatkina HKB, Olena Yatsenko TI

Moderation: Yvonne Schmidt

Host: Institut Praktiken und
Theorien der Künste

The talk provides an insight into an emerging research project of the School of Arts, Design and Architecture (Aalto University, Helsinki), the Institute for Human-Centered Engineering (BFH) and HKB. The collaboration was developed when Mariia Kasatkina (artist) and Olena Yatsenko (philosopher) came to BFH as Ukrainian scholars in 2022. The focus is on emotional perception in immersive Virtual Reality (iVR). iVR has become a big topic in the arts, not only in game studies but also in the theater. The interdisciplinary team is going to study bodily responses to basic emotions in iVR experiences. Since cognitive arguments about simulation come after perceptual bodily reactions, the research questions are: Should iVR be made as mimetic or artistic product? Do neural network-created stimuli provoke the same quality of basic emotions as first order reality? The aim is to explore the potential of iVR as an «empathy machine» for future development not only in contexts of learning and training, psychotherapy and rehabilitation, but also in the fields of acting, gaming and art at all.