

Virtual Reality: Mediale Eigenschaften, Potenziale und Herausforderungen

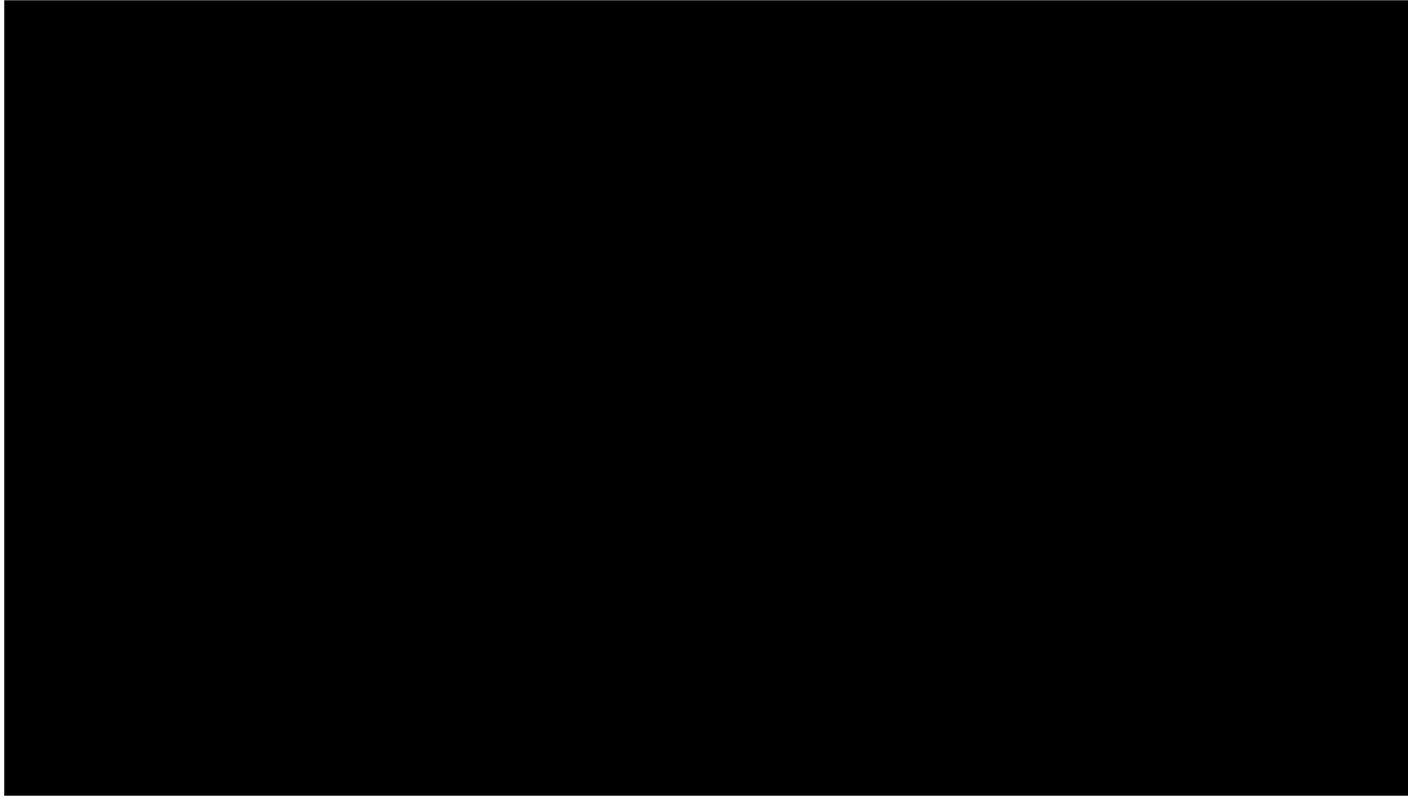
- Filmmaker; Media Designer:
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Jeanine Reutemann

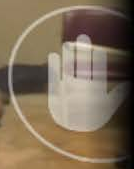




Social Conflicts, Research for Development; SNF Schweiz, Guatemala 2018.



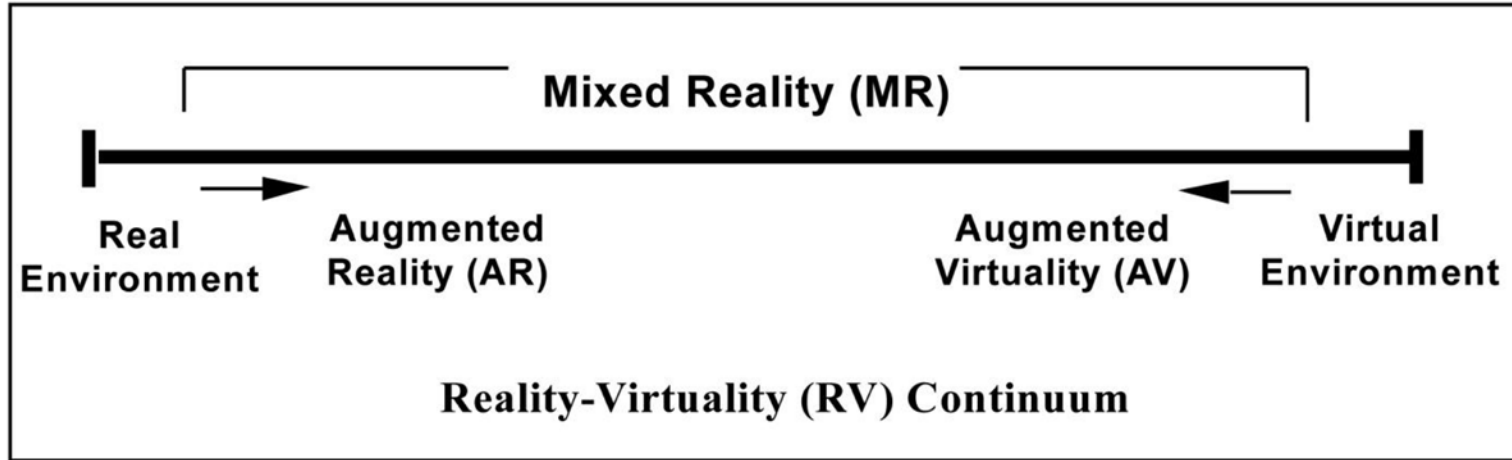
Innovedum Project with the Chair for Ecosystem Management, ETH Zurich 2017.



(Sensitive) Audiovisuelle Daten

Eigenschaften von 360-VR





Milgram, Paul; H. Takemura; A. Utsumi; F. Kishino (1994). ["Augmented Reality: A class of displays on the reality-virtuality continuum"](#) (pdf). *Proceedings of Telemanipulator and Telepresence Technologies*. pp. 2351–34. Retrieved 2007-03-15.

Standart (flat) videos



360-VR Videos



Medium: 360-VR Videos

Immersion

Affective experiences

Sense of presence (e.g. interpersonal distances)

Realistic simulations

Virtual characters

(Pseudo)- interactive engagement

Virtual 'Empathy'

The background is a complex, low-poly geometric pattern composed of numerous triangles. The color palette is a gradient of pinks, from light blush and pale lavender on the left to deep magenta, fuchsia, and rich purple on the right. The triangles vary in size and orientation, creating a dynamic, crystalline texture.

Medium: 360-VR Videos

Storytelling

Stories to tell

Stories to tell – Storytelling

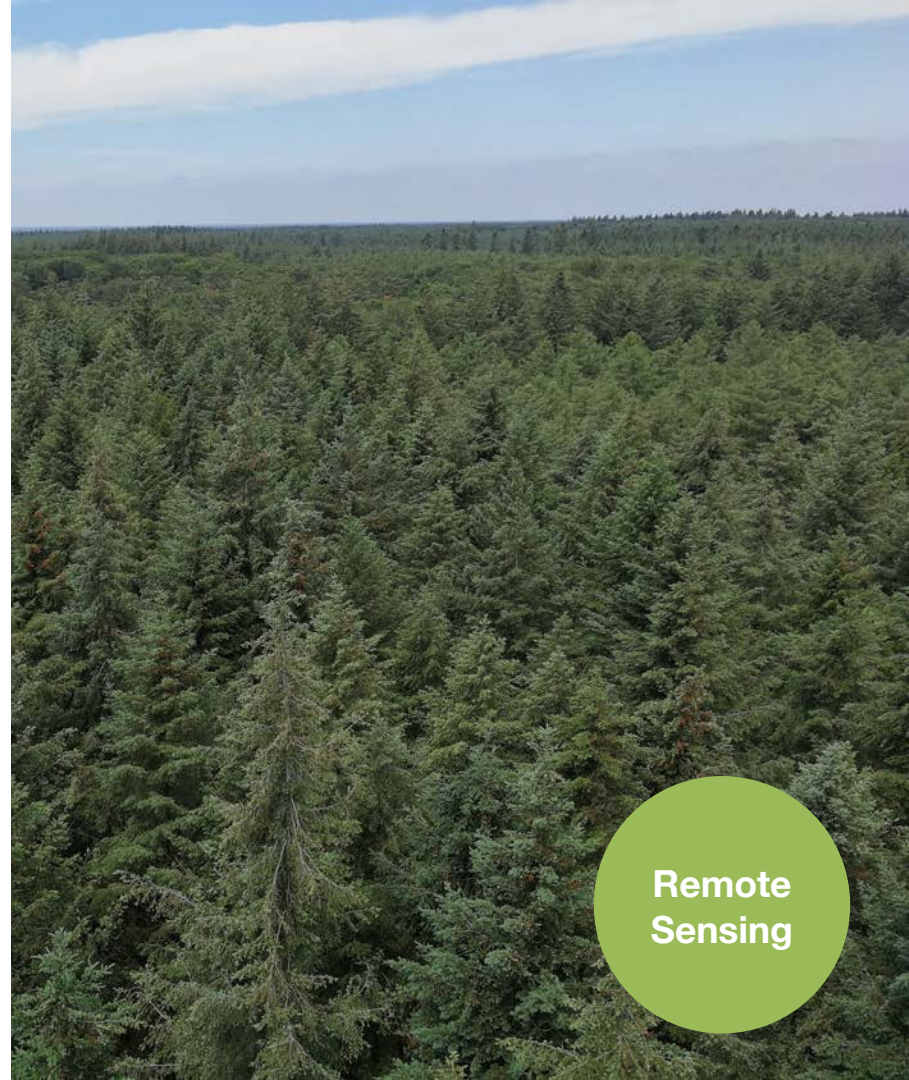


Medium: 360-VR Videos

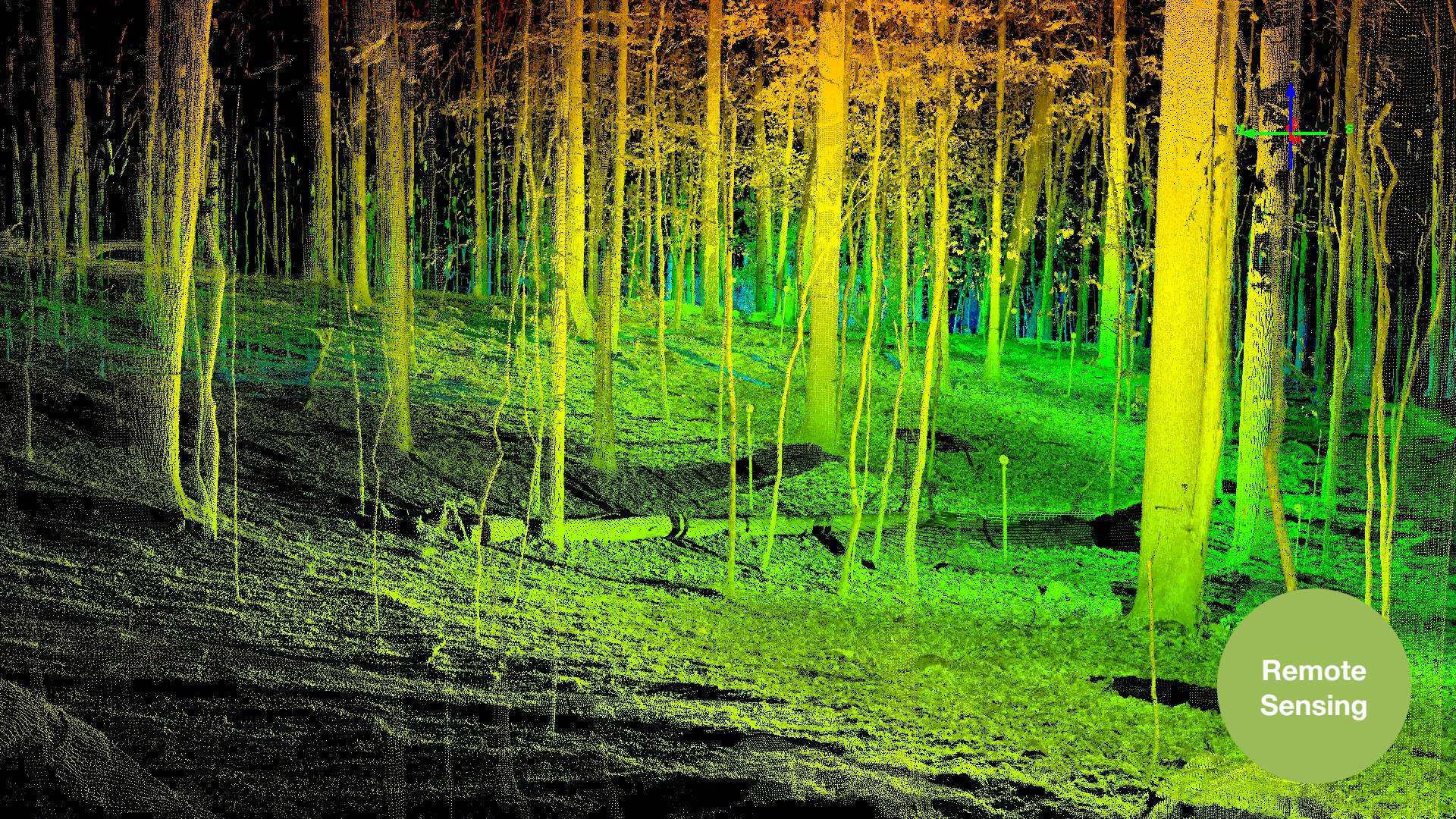
Storytelling

Visualisierung / Sonifikation

BildSPRACHE, show, don't tell, *(360-Videos: Spatial Audio)*



**Remote
Sensing**



Remote
Sensing



360-VR: Spatial Audio

> Blickrichtung leiten

Medium: 360-VR Videos

Storytelling

Visualisierung / Sonifikation

BildSPRACHE, show, don't tell, *(360-Videos: Spatial Audio)*

Image-Sound Interrelation

*Multimodalität von Audiovisuellen Medien:
Interdependenz von was wir Sehen und Hören;*

»Sound has an influence on perception: through the phenomenon of added value, it interprets the meaning of the image, and makes us see in the image what we would not otherwise see, or would see differently.«

MICHEL CHION: «AUDIO-VISION: SOUND ON SCREEN»,
COLUMBIA UNIVERSITY PRESS, 1994.

Oxford University;
Himalayan Wolf Project
Geraldine Werhahn





Medium: 360-VR Videos

Storytelling

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Image-Sound Interrelation

*Multimodalität von Audiovisuellen Medien:
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Montage (Continuity, Narration)

Connection; Structure, Logic;

The background is a complex, abstract geometric pattern composed of numerous triangles of various sizes. The color palette is warm, featuring shades of yellow, orange, and pink, with some darker tones like brown and purple in the lower-left corner. The triangles are arranged in a way that creates a sense of depth and movement, with some areas appearing more prominent than others.

Co-Design Prozess



**Knowing
your area of
expertise**

**Collective
responsibility**

**Respect
& trust**

**Iterative
design
process**



Fragen?