eLmL 2021

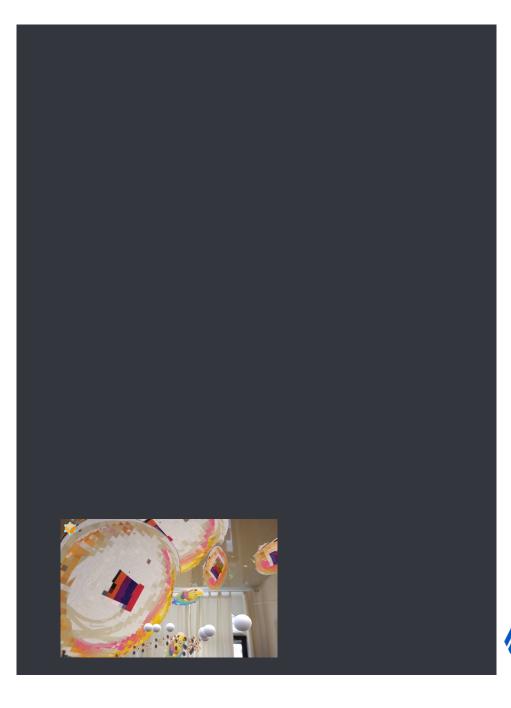
The Thirteenth International Conference on Mobile, Hybrid, and On-line Learning eLmL 2021



DesignAR: Augmented Reality Designing Prototype. Towards a Media Semantic Taxonomy for Art Educational Implementation



Link to Publication Thinkmind Digital Library



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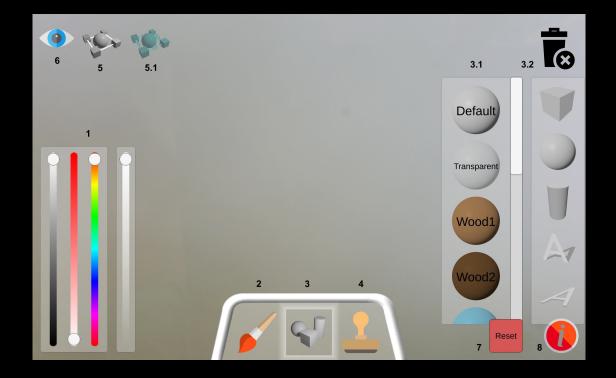


Features of DesignAR:

- 1. Color Picker/RGB/Transparency/Dark/Bright.
- 2. Drawing tool: related to device position and drawing on surface.
- 3. Brush styles: oil color/text marker/curls.
- 4. Inserting Objects: cube/sphere/cylinder/text editor.
- 4.1. Texture for objects: wood/plaster/gold/silver/transparent
- 5. 2D-Picture Stamp tool, access to picture gallery of device
- 5.1. Group objects and navigate in groups.
- 5.2. Ungroup objects.
- 6. UI mode vs. camera mode.

- DesignAR-Video:
- 3D-Interpretation of 2D-Painting & installation (Atelierhaus Dachauerstr. e.V., Atelier Uli Zwerenz)

https://www.youtube.com/watch?v=UMCpz3ix5Yc &t=0s



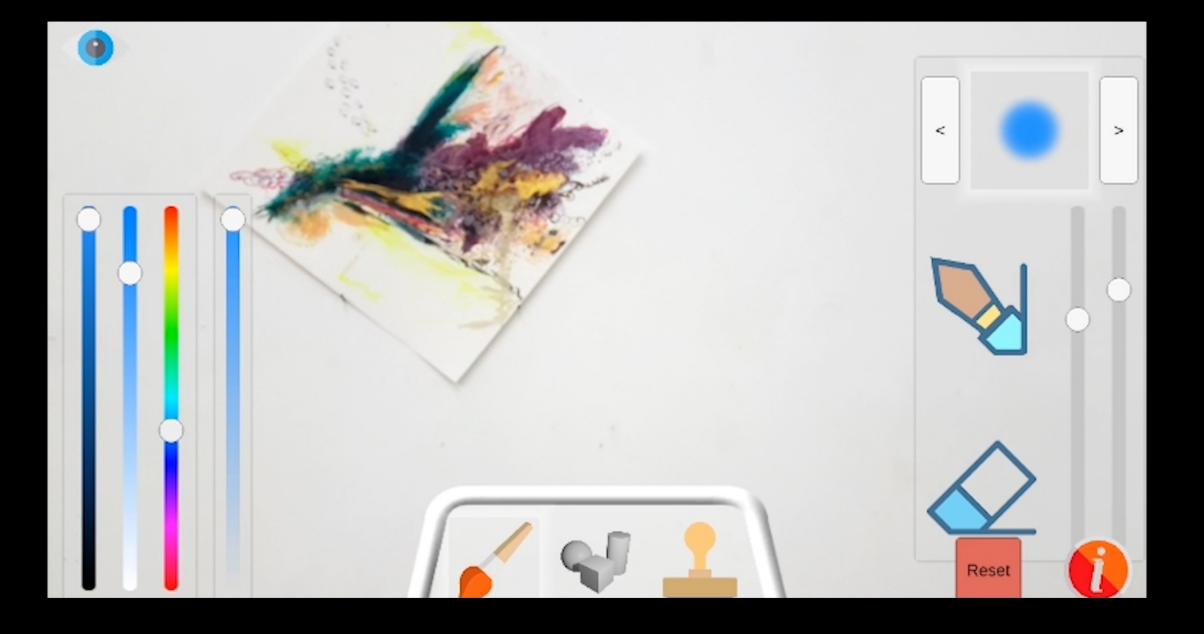


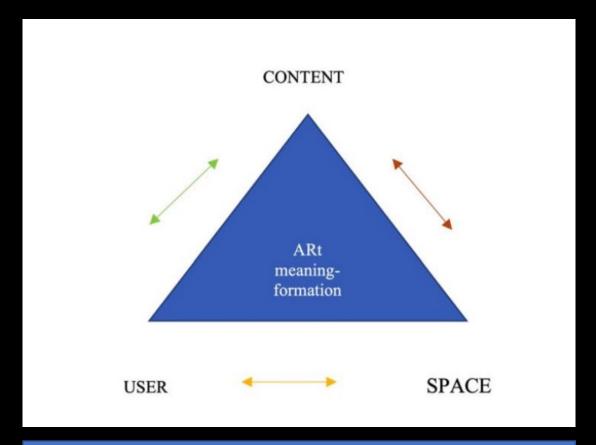
TABLE I. TAXONOMY OF AR-RELATED ARTWORK

CONTENT	SPACE
	Flexible vs.
2D/3D	Site-specific
	vs.
Moving/	User-centered
static	
Audio/Tactile	Private/Public
300000000000000000000000000000000000000	Curated vs.
Motif	intervention
	2D/3D Moving/ static Audio/Tactile

Singular vs collaborative artwork Sharing & Remix

- sharing of individual artwork
- shared objects via database (Adobe Aereo)

Taxonomy AR-related Artwork



SOCIAL AR
Singular vs Collaborative,
View only vs Sharing and Remix

Human Cell Pixel Kernel

- Imagine floating on a petri dish..
- with other cells of hybrid quality

Novel ways of AR meaning formation?

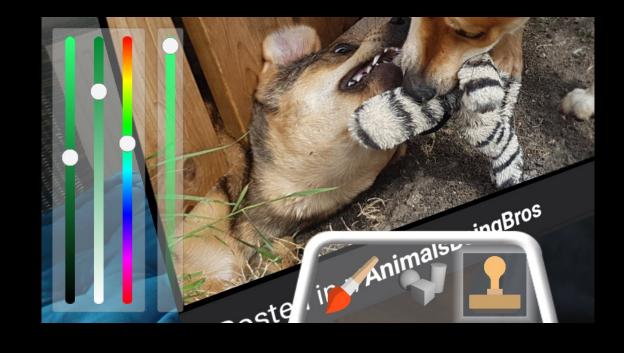
Deixis, Situatedness, Imaginatory Embodiment



"HOW MY DOGS ARE JUMPING OUT HERE..."(App:DesignAR) versus: "I SEE COLOUR IN FRONT OF ME. AND NOW?" (App:PaintAR)

(art teachers, grounded theory study 2020)

- FURTHER RESEARCH
- media-cultural dimensions of technology acceptance & epistemology of AR: Which Reality?



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