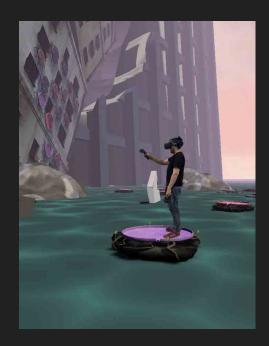
AXM - E0404

Designing and Creating Virtual Worlds



Designing and Creating Virtual Worlds

- Cultural history of virtual reality and anthropology of the human senses
- Immersion and presence, storyboarding, and user studies research
- Information architecture and content development
- Interaction design, user interface, and narrative
- Using sound for storytelling









Huldufolk - AR game



Image credit: John Bauer





Phobi







SPICE Project - EU H2020

Social Cohesion, Participation, And Inclusion Through Cultural Engagement.

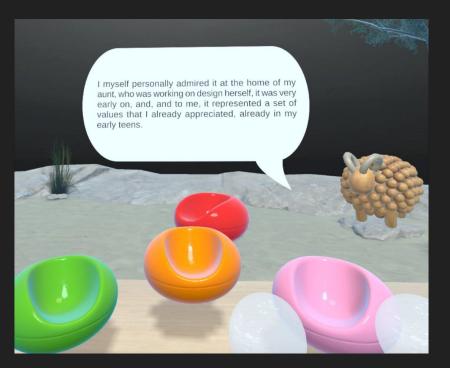
Citizen Curation of Cultural Heritage:

- Design Museum Helsinki
- Galleria d'arte Moderna Turin
- Hecht Museum Haifa
- Irish Museum of Modern Arts Dublin
- Museo Nacional de Ciencias Naturales Madrid





Pop-up VR Museum





Team: Gautam Vishwanath, Leena Svinhufvud, Lily Diaz, Wiebke Spieker

Pop-up VR Museum





Background

Experience with VR/AR

Your main interest in this course

Favorite VR experience/game/installation



Course

Mondays (Oct 23rd, 30th, Nov 6th, 13th, 20th, 27th):

- Lectures
- News
- Assignments

Thursdays (Oct 26th, Nov 2nd, 9th, 16th, 23rd):

- Immersion sessions at VR Hub and VR Studios
- Online review and assistance for groups



Onsite sessions - M202

Mondays (0915 - 1200):

- Oct 23rd: Anthropology of the human senses
- Oct 30th: Presence, narrative, time and space in VR
- Nov 6th: Information Architecture and a visiting lecture by Timo Wright
- Nov 13th: Spatial sound design and avatar design
- Nov 20th: Qualitative evaluation of VR experiences
- Nov 27th: DEMO DAY!



Immersions sessions

- Thursdays (Oct: 26, Nov: 2, 9, 16, 23)
- 1315 1500

Session used for:

- Testing VR experiences
- Discussing ideas
- Technical assistance

Booking these spaces on your own:

- VR Hub: booking.aalto.fi
- VR Studios: takeout.aalto.fi





News: "Remember This Place" by Patricia Echeverria







Credits: Patricia Echeverria



Lecture: Anthropology of Human Senses

https://edu.flinga.fi/s/EJSRHTG



Group divisions

Group 1:

- Mikko Linko
- Nuutti Muurimäki
- Siiri Kemppainen
- Wanqiu Lin
- Xuefei Shi

Group 2:

- Agnes Kloft
- Aleksandr Tikachev
- Otto Tolppanen
- Yuan Xiao

Group 3:

- Aurora Tulilaulu
- Elde Siilbek
- Marek Sevcik
- Mengging Wang

Group 4:

- Markus Kirjonen
- livari Ojala
- Xinya Wang
- Marko Liusvaara

Group 5:

- Aurora Navarro Villacampa
- Lauri Lyytikäinen
- Olli-Pekka Turtio
- Valentina Santner



Booking VR Headsets

At least 1 Meta Quest is available per group

To reserve more headsets either visit:

- Väre Takeout next to Kipsari
- Aalto Studios Takeout in Otakaari 7B

Booking done through:

- takeout.aalto.fi





Mozilla Hubs and Spoke







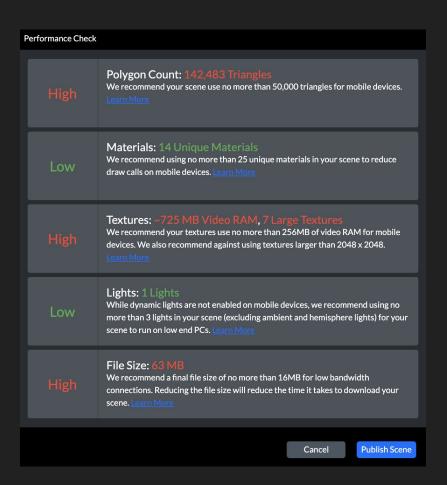
Mozilla Hubs

Affordances and potential:

- Easy to use
- No programming
- Social aspect

Limitations:

- Interactive mechanics
- Frame-rate





Unity Game Engine







Assignment 1: Due on Oct 30th

Theme: ROOT

Create a description of a concept. It should include the title, a written abstract no longer than fifty (50) words, and a sketch that provides additional information/visualization. Each group should be ready to present this in the next class session.

Please upload the materials to MyCourses by 9:00 AM, 30 October 2023.



Immersion session 1: Thursday - Oct 26th

- 1315 - 1500: Visiting the VR Hub and testing experiences as well as tools.



