# AXM - E0404

Designing and Creating Virtual Worlds



### Zoom

- Sessions are recorded.
- Preferably use zoom on your device, and not a web browser.
- Use the "Raise hand" to speak.
- Questions and comments in chat.
- Mic muted when not speaking.













Thank you!



### Introduce yourself

- About yourself, background, specialization
- Past experience with VR
- Aspects of VR that interests you
- Favorite/memorable VR/AR experience (or an installation or a game)



### Online lectures

- Every Monday
- 0915 1200
- Zoom link in mycourses
- Session recorded

#### Session used for:

- Lectures
- News
- Discussions
- Presenting assignments





### Immersions sessions

- Every Thursday
- 1315 1500
- At VR Hub and/or VR
  Studios

#### Session used for:

- Discussing ideas
- Technical assistance
- Testing VR experiences

### Booking:

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



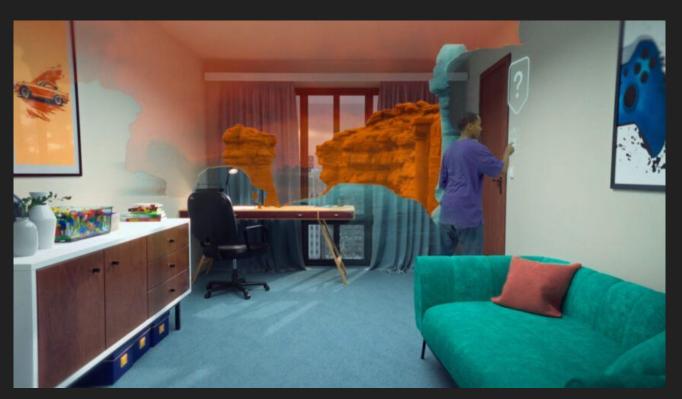


### MAGICS talk on Oct 27th at 1400

https://www.aalto.fi/en/events/magi cs-2022-be-inspired-by-research



# News - SyncReality



- House-size gaming using MR.
- Volumetric mapping of home environment.
- Unity and Unreal Plugin
- Would work on Meta Quests
- https://syncreality.c om/visionfilm/

Image: SyncReality

### Group divisions

#### Group 1:

- Antti Kokkonen
- Emilie Pederson
- Juha Koivusalo
- Risto Kirjonen

#### Group 2:

- Atte Haarakangas
- Erika Rustamova
- Hares Bassil
- Virpi Väinölä

#### Group 3:

- Carlos Perez Moreno
- Han Gao
- Inka Jerkku
- Jihae Kim

#### Group 4:

- Hiski Huovila
- Jackie Lin
- Karolina Nowak

#### Group 5:

- Janne Seppälä
- Mikael Jaakkola
- Sevde Bozkurt



### **Booking VR Headsets**

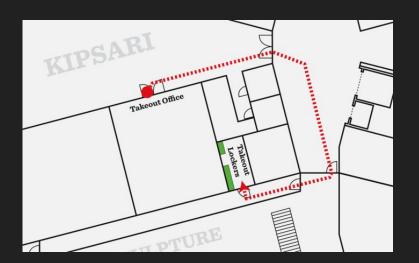
At least 1 Meta Quest is available per group

To reserve these headsets either visit:

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

### Booking done through:

- takeout.aalto.fi



# Mozilla Hubs and Spoke

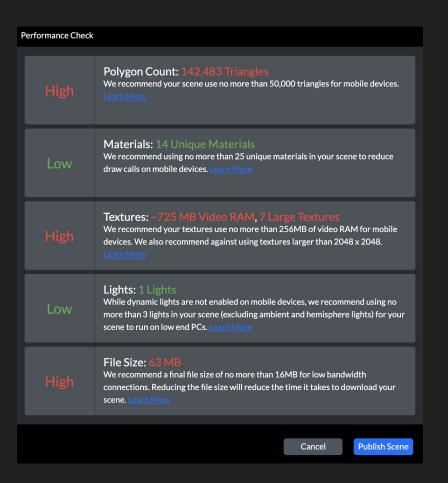






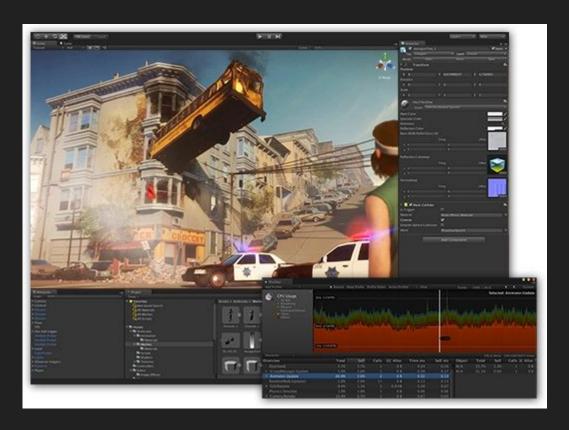
# Designing in VR

- Affordances and potential
- Limitations





# **Unity Game Engine**



# Assignment for next week (Oct 31)

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, 31 October 2022.