



VRD EUROPE - 7TH EDITION

IMMER SIVE TECH WEEK

FROM **AMSTERDAM** >>> **NOV 13-17.**

Social VR and Opera :

Immersive shared performing arts experiences



Sueyoon Lee

Designer | Researcher

- Distributed & Interactive Systems (DIS) group at CWI
- Social VR research with TRACTION 



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Social VR and Opera :

Immersive shared performing arts experiences

01- Towards Social VR

Past, present, and future

02- Social VR and Opera

Collaboration project - TRACTION





Towards Social VR

Past, present, and future

PART 1







Immersive Enough?



Towards Social VR : 3D Avatars

 AltSpaceVR



<https://uploadvr.com/alt-space-vr-new-avatars/>

 VR CHAT



<https://www.roadtovr.com/vrchat-80m-series-d-funding/>

Mozilla Hubs



<https://skarredghost.com/2020/04/29/mozilla-hubs-cloud-what-is-features/>

Laval Virtual World



<https://blog.laval-virtual.com/en/laval-virtual-world-through-the-eyes-of-two-vr-ar-influencers/>

Realistic Enough?



Towards Social VR : Volumetric Video

- Real-time 3-dimensional video capture
- Point clouds as a capture format, which can be later being rendered in other formats



Towards Social VR : Volumetric Video



Watch interactive movie



VR Cake celebration



Mediascape XR



Social VR and Opera

Collaboration project - TRACTION

PART 2

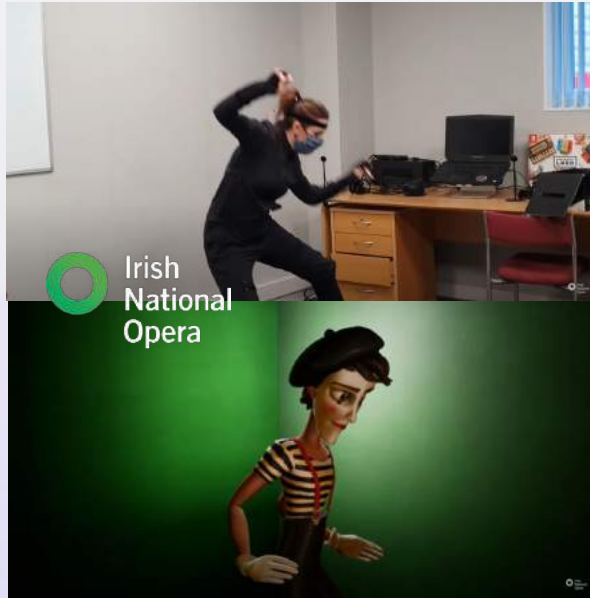




The Marriage of Figaro

<https://www.roh.org.uk/productions/the-marriage-of-figaro-by-david-mcvicar>

Opera in VR



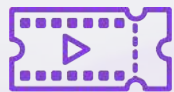
Irish
National
Opera

Out of Ordinary:
<https://www.youtube.com/watch?v=ZBeTOL1h96g&t=43s>

Virtual Reality Opera by Irish National Opera (INO)

- World's first VR community opera created by and for communities around Ireland
- Immersive experience
- Reimagine the possibilities of performance

Social Experience in VR Opera



Get Ticket



Meet Others

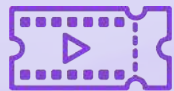


Watching VR Opera



Share Experience

Social Experience in VR Opera



Get Ticket



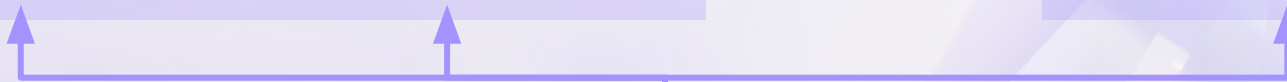
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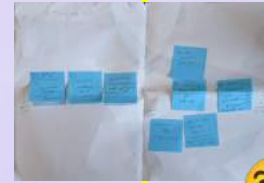
Limited Opportunities of Social Interaction !

User Centric Process

Focus Group with VR & Opera Experts



Current Opera Experience



+ What to bring?



Future VR Opera Experience

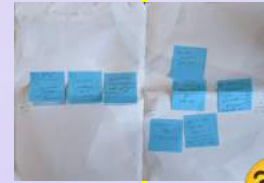


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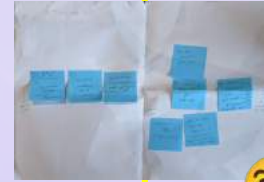


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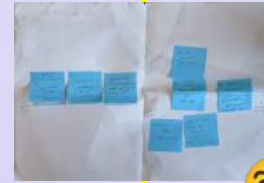


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Current Opera Experience



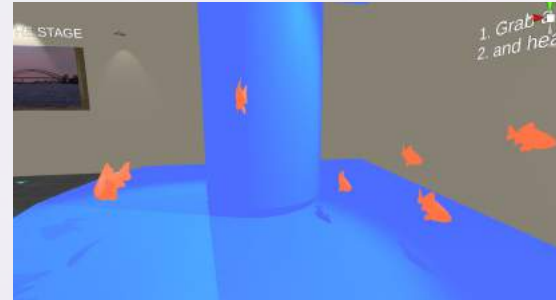
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Future VR Opera Experience



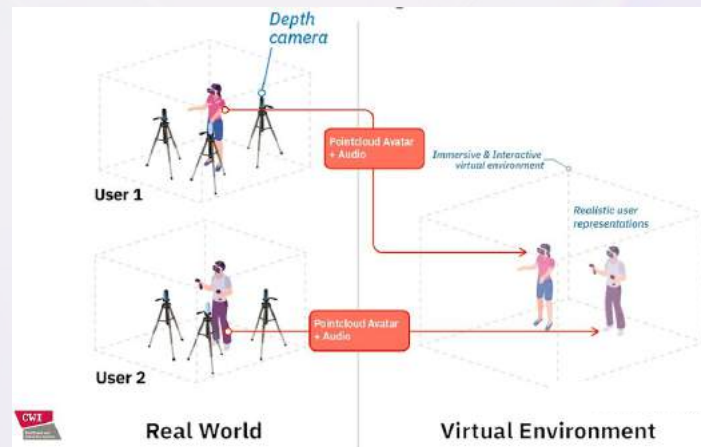
Lobby for VR Opera



- Interactive components from the opera
- Guiding questions

Towards Social VR : Lab at CWI

Technical Setup for Social VR Experience at CWI



Contact US!

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THANKS

NOVEMBER 2021

