

# Making the Absent Object Present: Towards hMoMA



Terence Quinn MA Fine Art Digital (UAL Camberwell College of Arts 2017)

Do you remember this?



Now



# Displayed for the first time in over a Century



# Rethinking unseen stored collections

## V&A is turned inside out to win space race



The V&A collection and research centre will allow visitors access to its vast archives  
PRESS ASSOCIATION



### **Introduction: stored collections**

Museums are rethinking the distinction between stored collections and public galleries

Will digital art installations be part of our future cultural heritage?

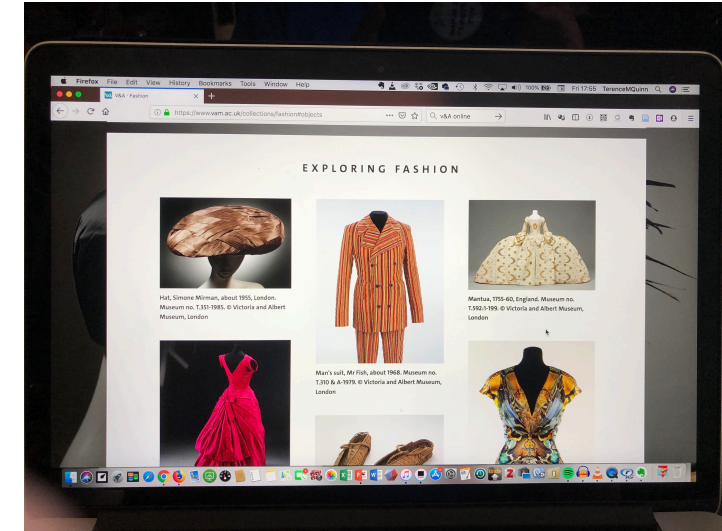
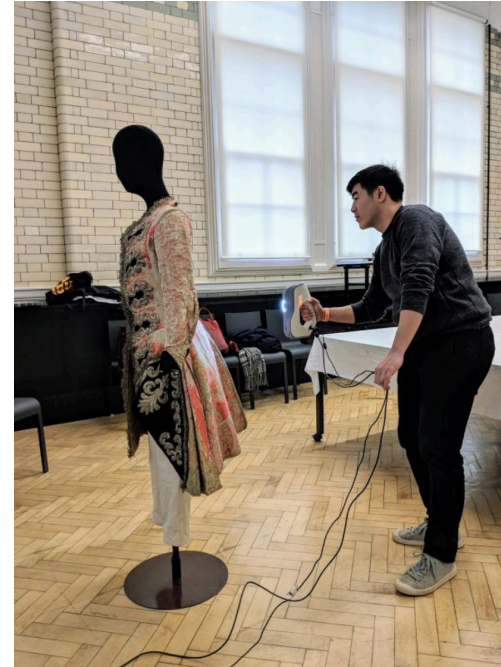


We apologise for  
**The 'Digital Gap'**  
In our historic collection



A museum or gallery a Century into  
the future

# Museums already digitise their collections



Viewed Online in 2D

Photography, Photogrammetry & 3D Scanning

Mixed Reality



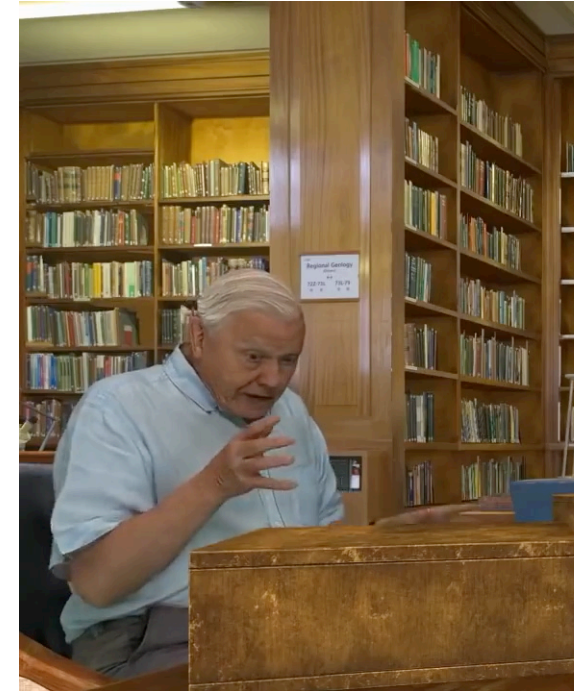
in a Museum



Physical sculpture



Virtual replica seen  
with Microsoft  
HoloLens



Virtual actors for exhibit  
interpretation



# Mixed Reality

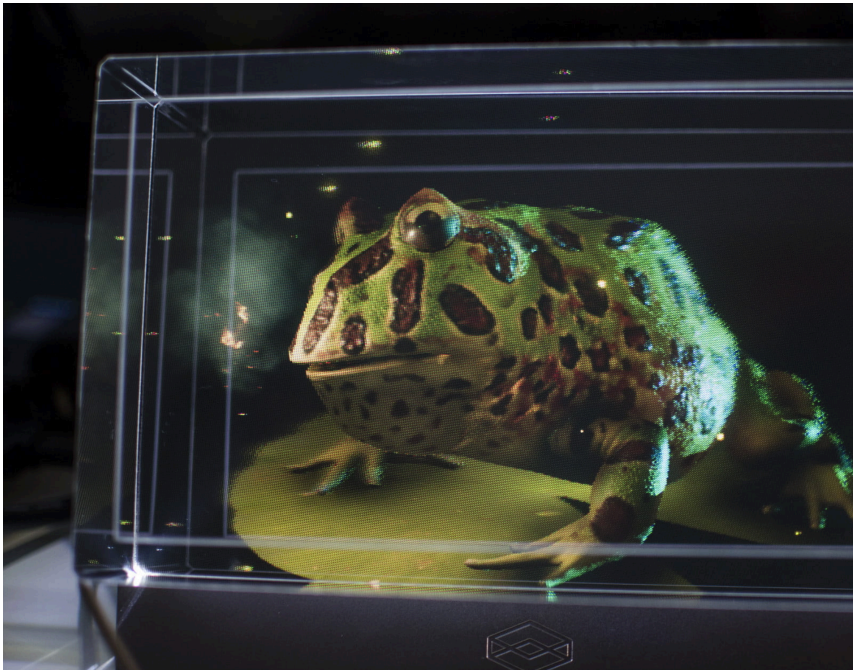
Be part of the action. Move around the gallery. No fixed point of view.



Static and moving 3D digital replicas projected into the real world space

Enabled by 5G networks Cloud rendering & data storage

# Volumetric Displays



**No special effects, camera tricks, or compositing  
have been used in the creation of this video.**

Looking Glass Factory

# Volumetric Video Capture static **and** moving subjects

External Studio -VideoGrammetry



Microsoft Studio Seattle

Evercoast Studio NYC

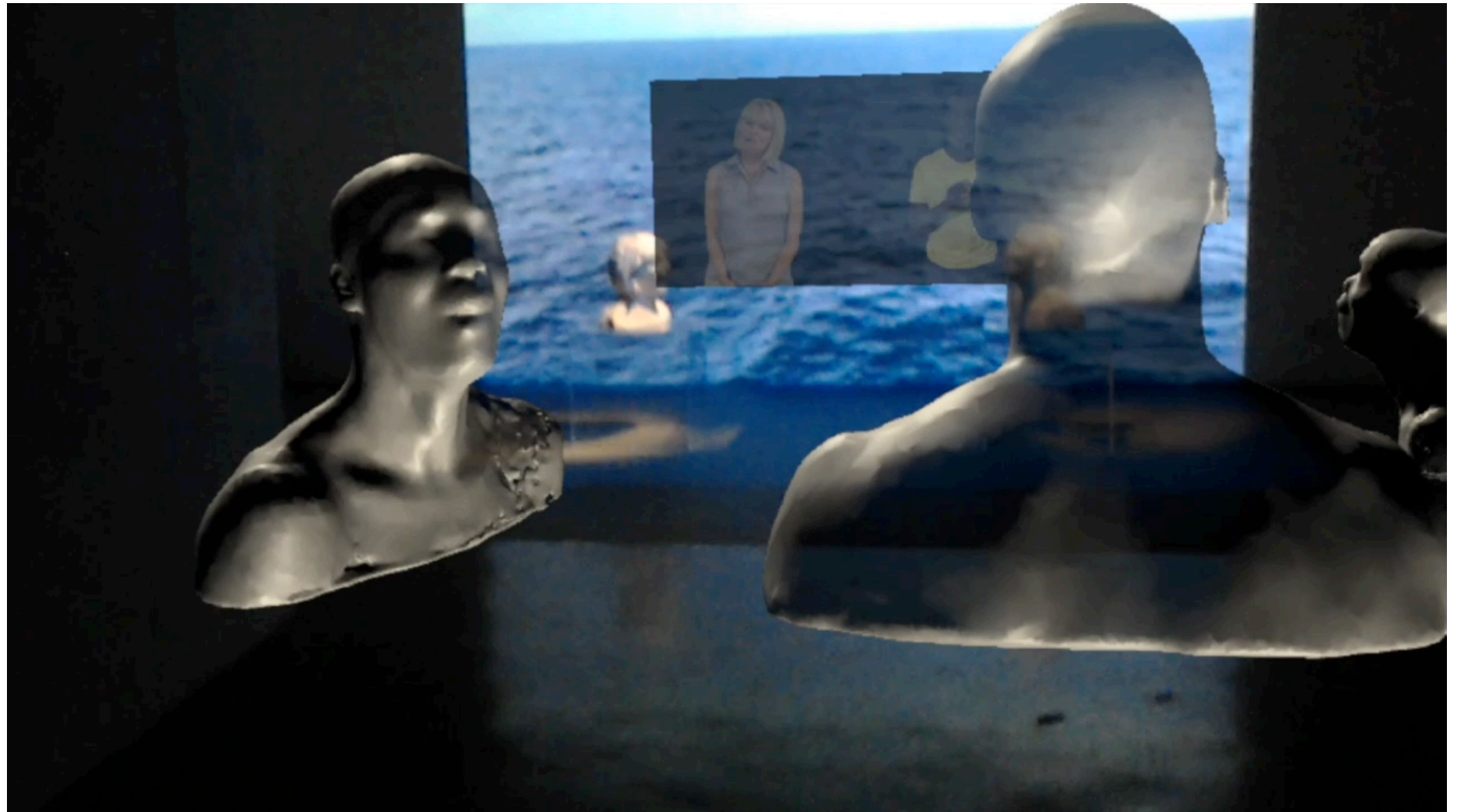


Jaunt NYC

Portable Volumetric Capture Rig



UAL Camberwell College of Arts



The Refugees' Crisis Quinn, T  
MA Fine Art Digital Degree Show UAL Camberwell College of Art (2017)

# Questions

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