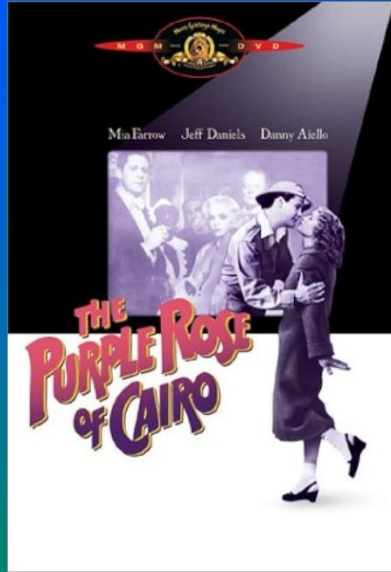


Real Time Interactivity



António Câmara
Y



Hollywood scriptwriters have resorted to plots where audience and film reality merge. Actors that come out of the screen or members of an audience that dive inside a film are audience favorites

Interactive Street Furniture Case Nokia

<https://youtu.be/5-bNZRAypgQ?si=iuVMOOVddBuJrF2C>

YMagic

Non-immersive real time interactivity

Interact via audio in a broadcasted game

Interact as The Expert in any sport or TV show

Immersive real time interactivity

Interact with virtual characters in real time

“Play” in a broadcasted game in real time

Drive a virtual car against a real car in real time



Latency is the major challenge in
real time (non-immersive and immersive) interactivity

<https://youtu.be/Yd1cbzOaZpg>

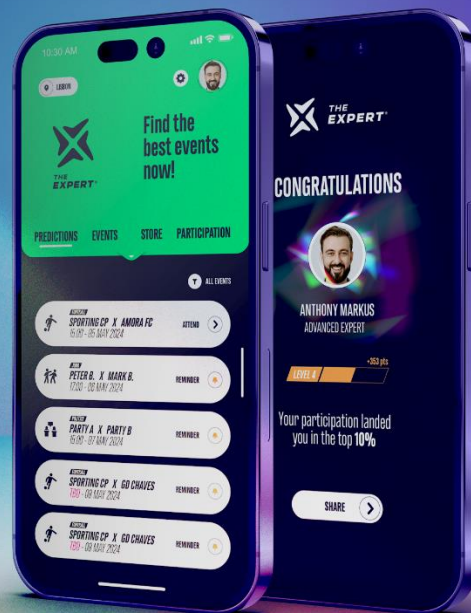


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OPINION?**

MOBILE APP 2024

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Immersive real time interactivity



YMagic integrates in real-time virtual characters that interact with the real physical space and with real characters in a new seamless dimension

<https://youtu.be/XIYxEbznsfU?si=Y-IFqzXAcpgSBIRX>

YMagic

Innovative interaction, simulation and visual composition techniques in a single powerful platform

- Tracking
- Simulation
- Composition



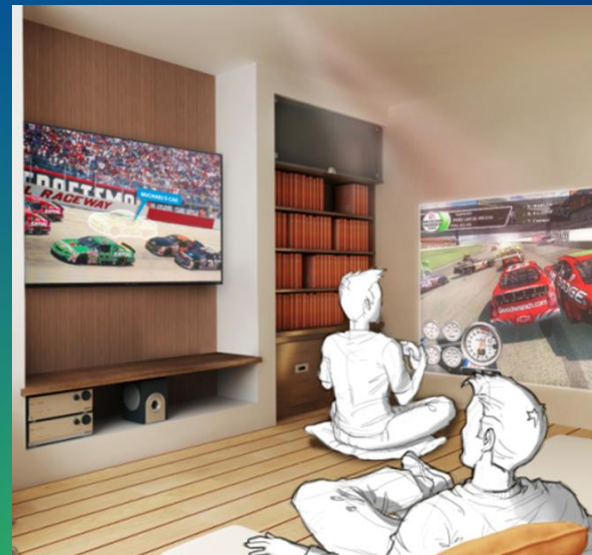
Dynamic shadow casting



Dynamic occlusion

YMagic

Live broadcasted events can gain a new level of interactivity with YMagic. We can detect and track real objects in live video feeds and add virtual objects to be controlled by the user but also affected by the real objects





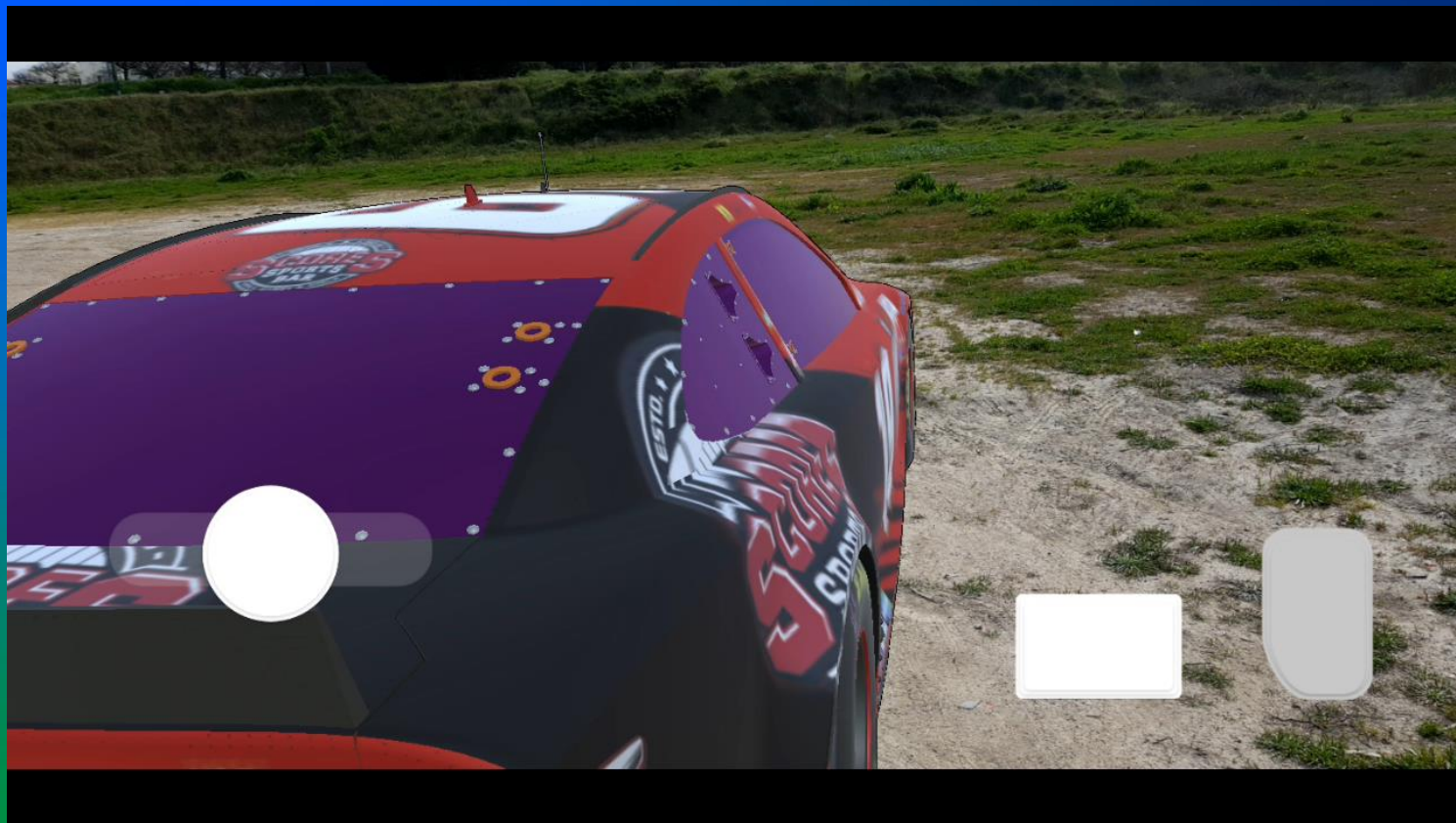
<https://youtu.be/GasCRK4JIDs>

YMagic

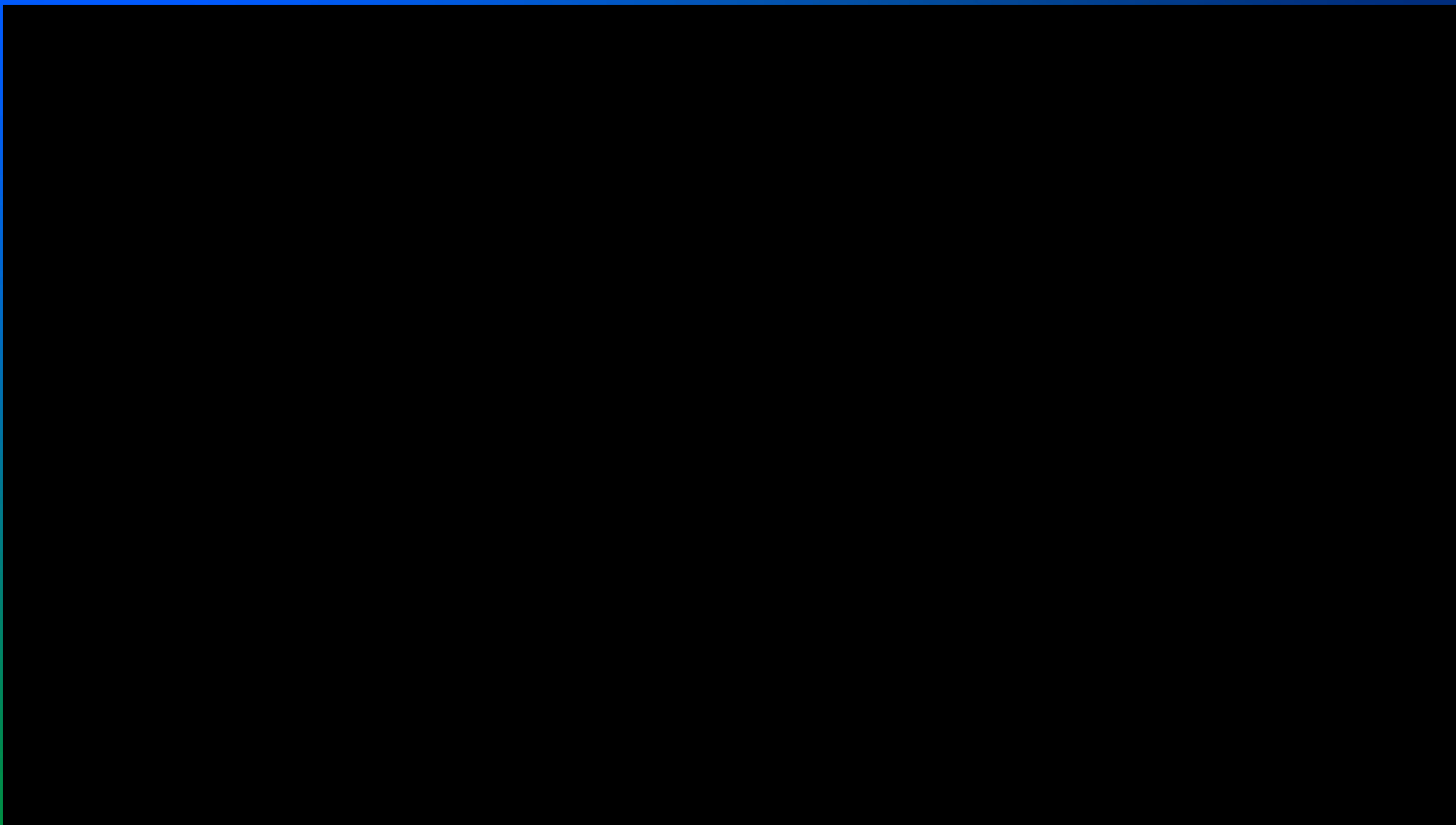


<https://youtu.be/ZwCVyZ7Twz8>





<https://youtu.be/DmaNyV6HHk 8>



https://youtu.be/9RLmvWXNkcY?si=vFOBWb_ekO95aNJm

antonio.camara@ydreams.com

Y

TheYDreamsCollection