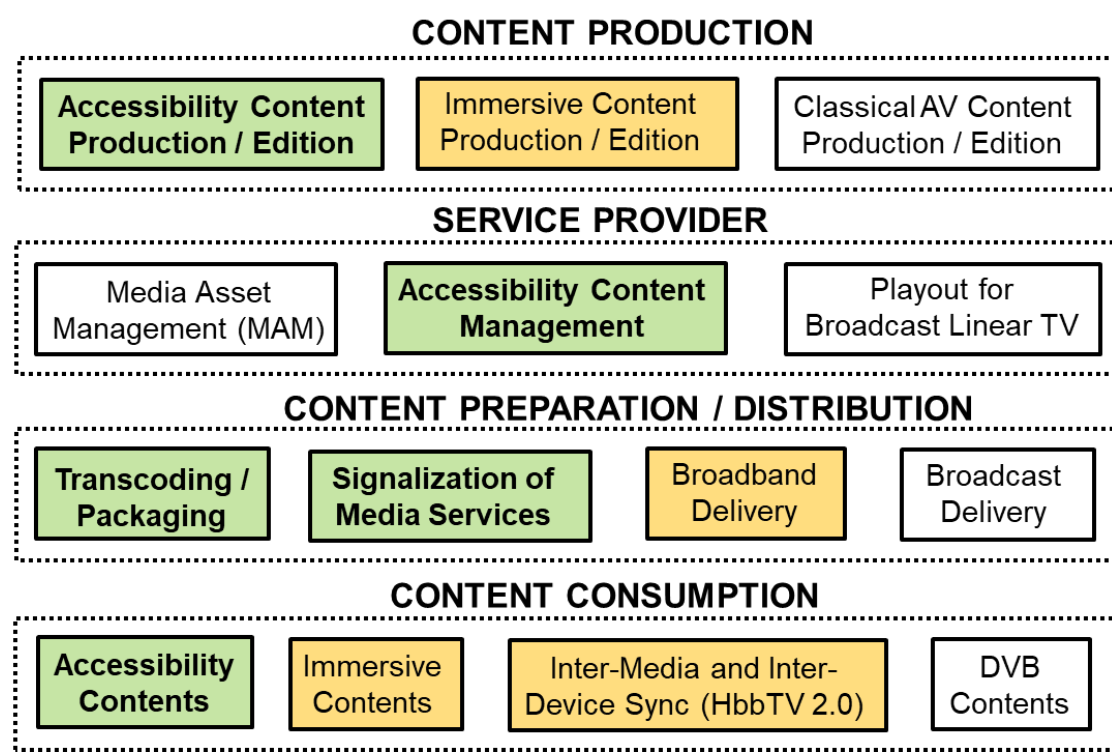
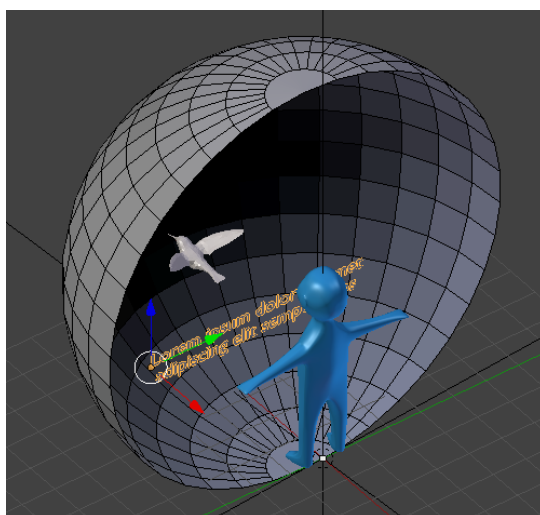


Mario Montagud, Juan A. Núñez, Sergi Fernández – Fundació i2CAT  
Pilar Orero, Anna Matamala – Universitat Autònoma de Barcelona (UAB)



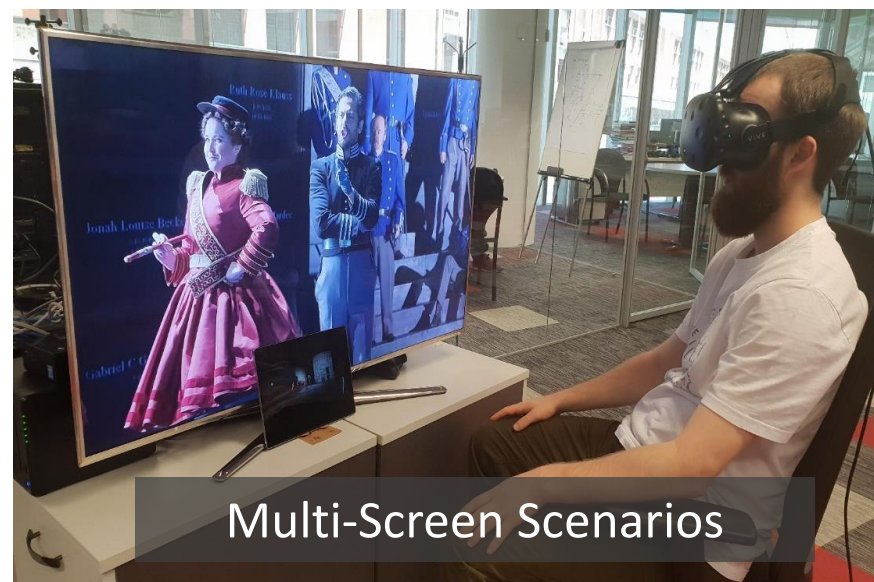
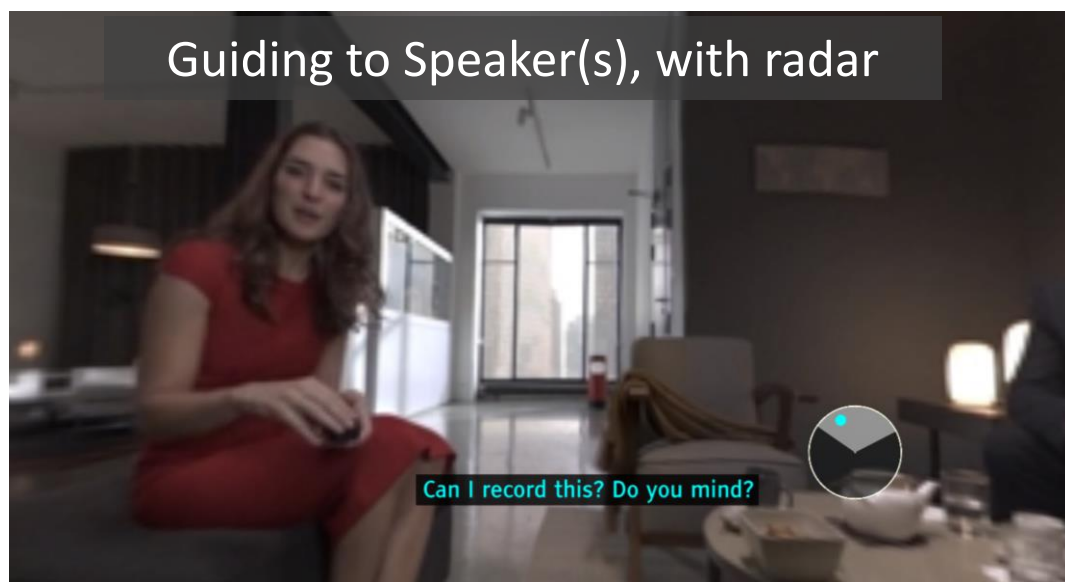
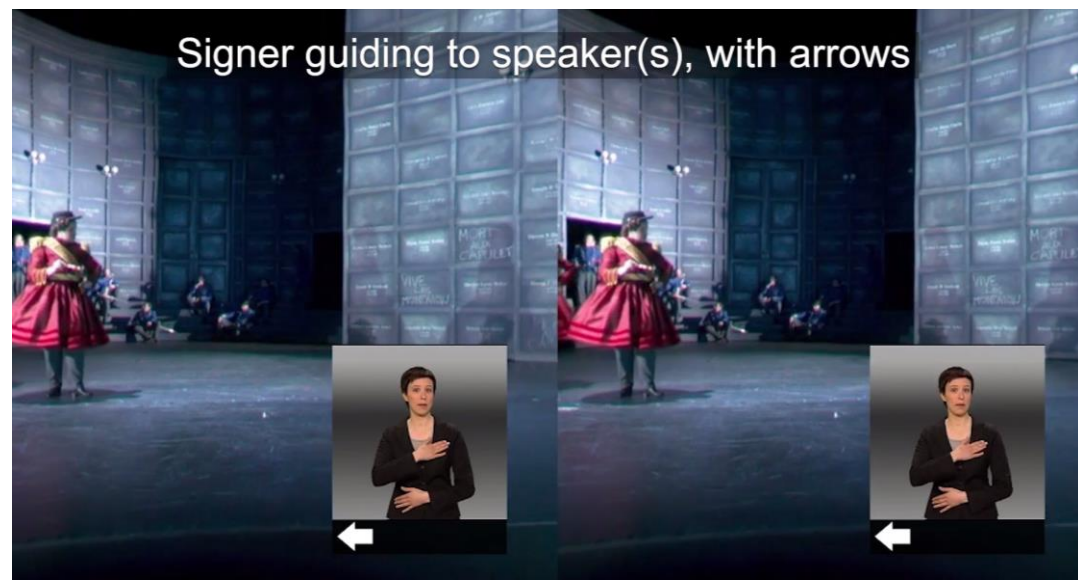
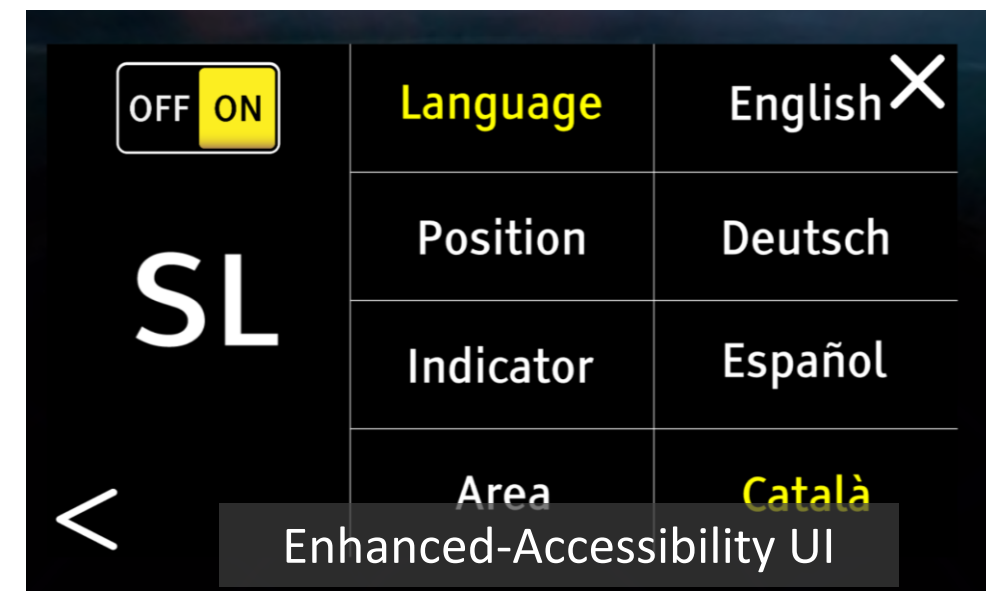
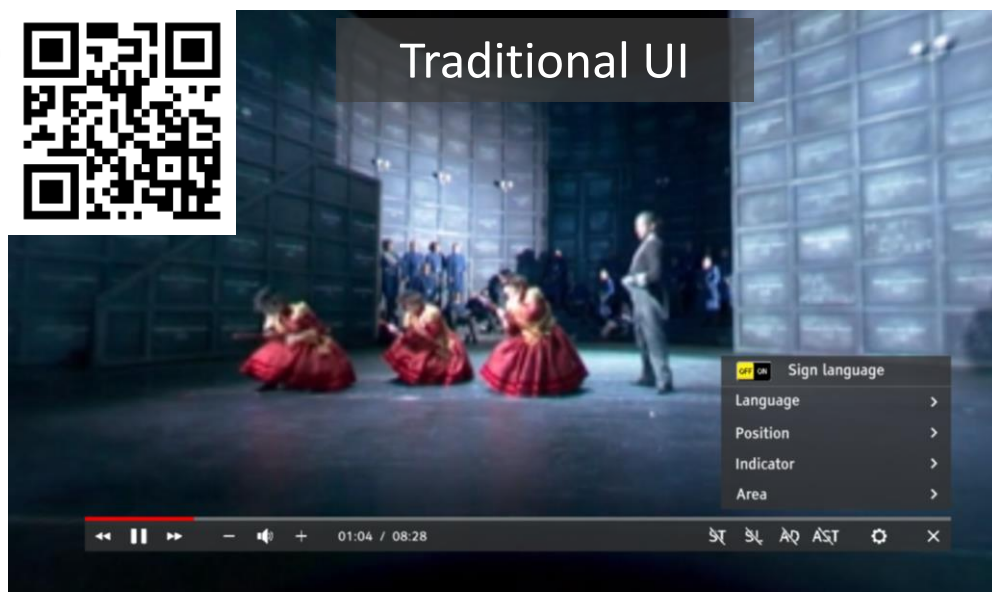
## ImAc: Enabling Immersive and Accessible Media Services

- Explore how accessibility services (subtitling, audio description and **sign language**) can be efficiently integrated with **immersive media** (VR, 360° video) →
- User-Centered Methodology
- End-to-End Workflow
- Challenges: Temporal + **Spatial** Information (Freedom to explore the VR Environment)
- **Assistive Technologies**
- Audio/Video Processing Techniques



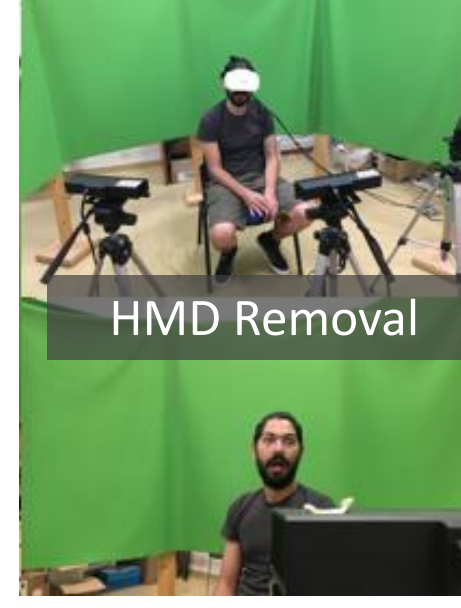
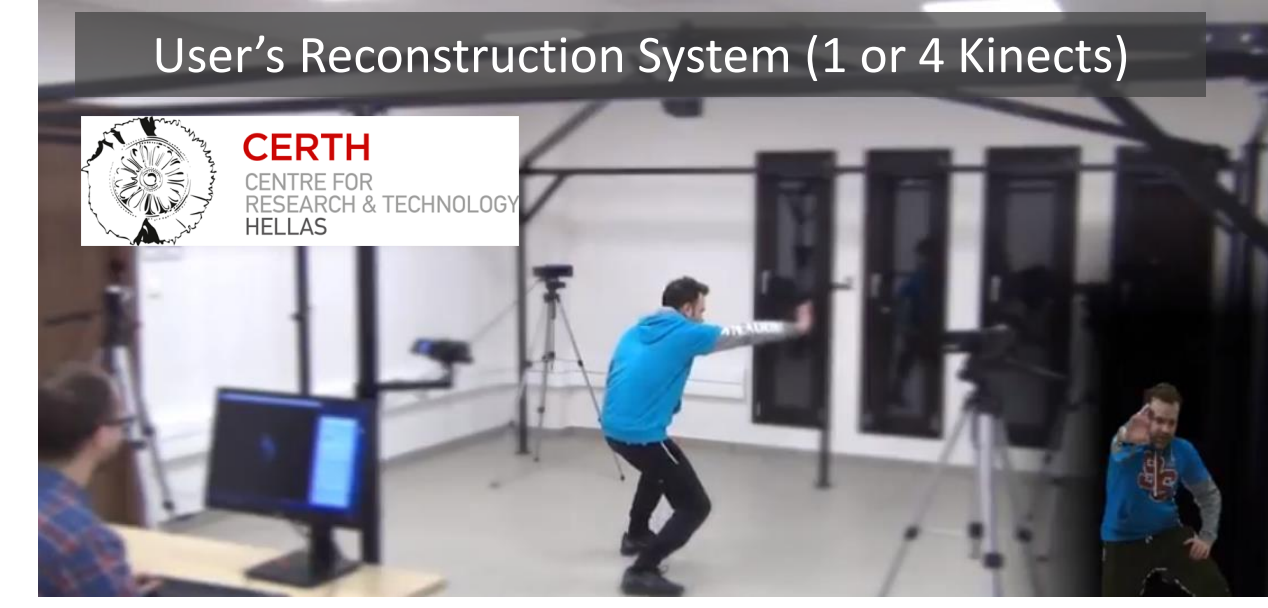
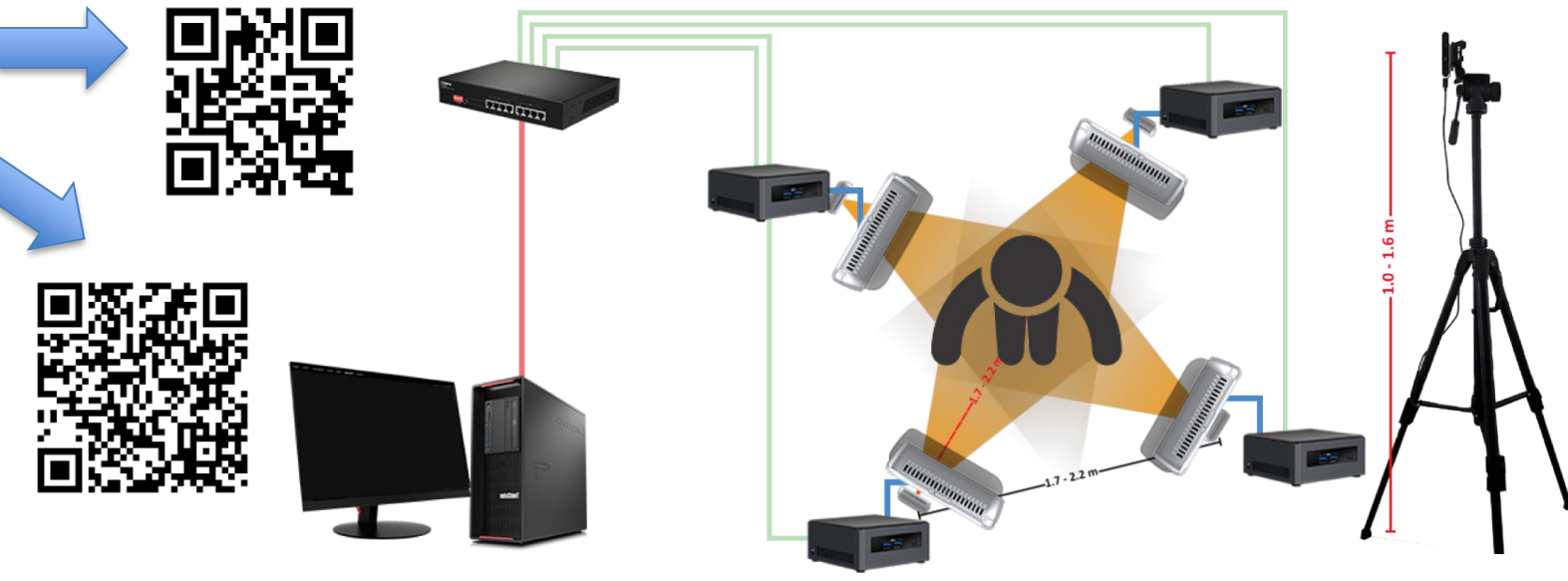
## (Immersive + Accessibility) Contents Presentation, Scenarios

- Player: <https://bit.ly/2IUJZaL> →
- 2 User Interfaces (UI)
- **Presentation Modes:** Arrows, Radar, Auto, Spatial Audio...
- **Personalization** (UI, Language, Position, Size, Voice Control...)
- **Multi-Screen Scenarios**



## Extra Possibilities (feeling of *being there, togetherness*) VRTogether

- Social VR scenarios with a photorealistic quality
- Users' **capturing** and re-construction using low-cost equipment (Kinect or RealSense).
- The body of the **Signer** (not an avatar!) can be **immersed in VR** → **high realism!**
- Demo of Social VR (2 users) →
- Technology ready by November 2018



## Consortiums



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