

AN END-TO-END SYSTEM FOR THE PRODUCTION AND DELIVERY OF

# PHOTOREALISTIC SOCIAL IMMERSIVE VIRTUAL REALITY EXPERIENCES



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VRTogether



## PILOTS

### A coherent storyline across 3 pilots

COMING SOON!

2

### Live media and scalability

Four users are placed in a TV news studio where the presenter is giving an overview of the news of the day. When the murder is being reported, users are holo-ported to the crime scene where a journalist relates the details of the murder.

The final pilot will conclude the presented story, with users being able to interact with objects and characters in the scene, driving the scenario through their interactions.

3

### Interaction and 6DoF

### Feeling of being there (presence) and of being there together (togetherness)

1

Two users watch a police interrogation of a murder suspect from the dark side of the room. During the experience, the users can interact and talk about the scene while seeing each other in a photo-realistic quality 3D representation.



Users are able to interact remotely in a **shared VR world**



All their actions are delivered in **real time**



A **3D reconstruction** of the users body is provided



You can see the other users **interacting as themselves**



### EVALUATION METHODOLOGY

#### Objective Metrics

- Performance Metrics
- Users' behavior (gestures, head movements)

#### Subjective Metrics

- Questionnaires
- Semi-structured interviews



### DEPLOYMENT

- Collaborative User Lab Inter-connected nodes in Greece, The Netherlands & Spain
- Scientific & Industrial events

VRTogether is assembling an end-to-end workflow for Social Virtual Reality content production. Development updates are presented through three pilots, three episodes of **a great story about a murder investigation**. The storyline exploits the uniqueness of the project, a team composed of technical and artistic experts, by creating a new experience that makes the most of the writing possibilities.

WATCH PILOT 1



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