Towards Hybrid Presence Enabled by Indoor Localization and Holograms

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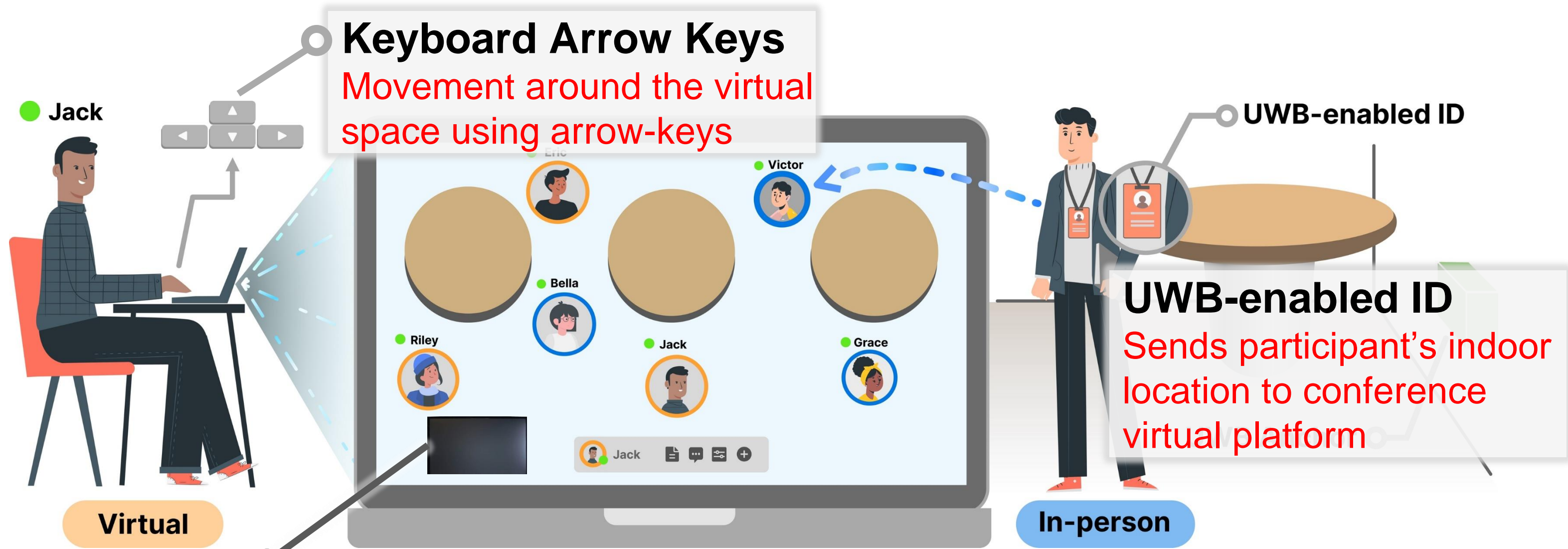
Hybrid Conferences are Here to Stay!

- More people can attend conferences (democratization)

- Reduced uncertainty from local weather, illnesses, etc.

- Better for the planet (reduced carbon footprint)

Keyboard Arrow Keys
Movement around the virtual space using arrow-keys

UWB-enabled ID
Sends participant's indoor location to conference virtual platform

Avatar Projections
Ceiling mounted projectors cast virtual participants on the venue floor

Screen-share Kiosk
TVs in real-world for screen-share and earbud-free conversations

3D cameras
Video-graph real-world participants at the table for virtual participants to see everyone on their screen

Hologram Displays
Designated seats equipped with hologram fans create a background-less video of the virtual participants.

Volumetric Video
Virtual participants tour the venue via 3D volumetric video

Virtual

In-person

Jack

Victor

Bella

Riley   Jack   Grace

Riley