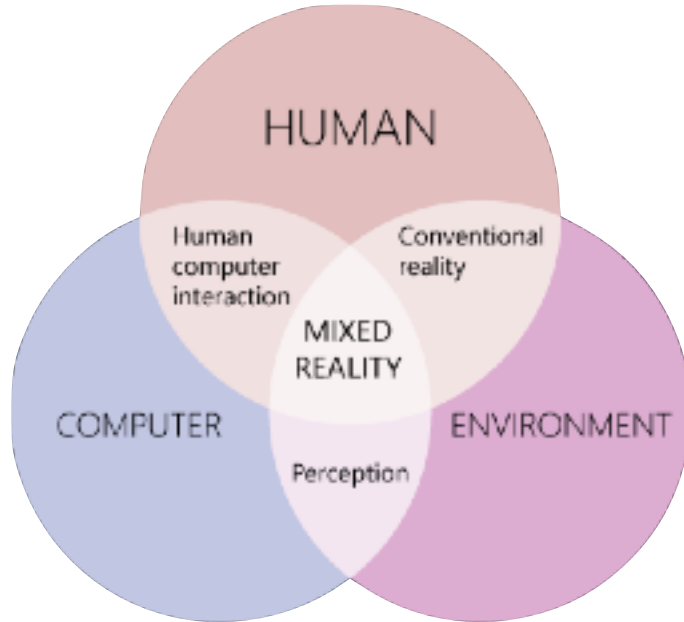


Introduction



<https://docs.microsoft.com/de-de/windows/mixed-reality/discover/images/mixed-reality-venn-diagram-300px.png>

What is mixed reality?

- Blend of physical and digital world
- Links humans, computer and the environment
- Visualizing interaction

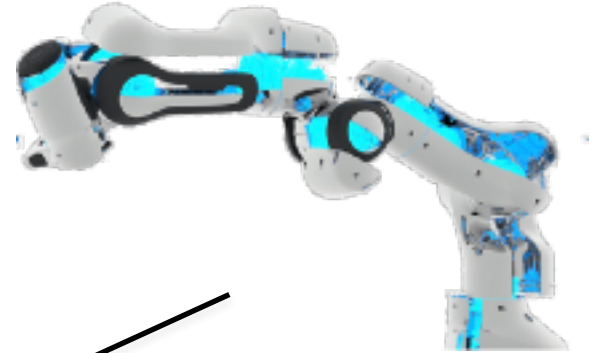
Research Question:

Can an AR application improve Human-Machine communication?



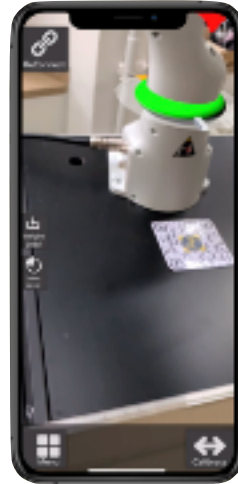
Source: [Link](#)

Human perception



Source: Own Figure

Robot perception



Source: Own Figure

Franka Emika Augmented Reality Application

FEAR App