

VIRTUAL PROTOTYPES (VPs) FOR DESIGN MEETINGS

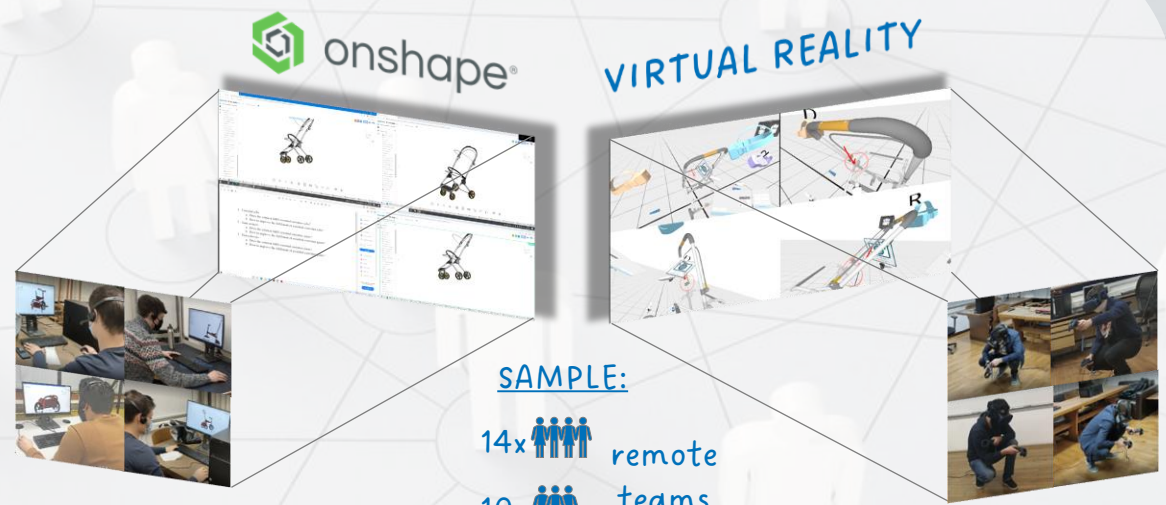
DID YOU KNOW?

>90% of workers prefer hybrid or remote work
 VPs quickly travel through space
 Later changes are 10x more expensive than earlier ones

RESEARCH AIM

Remote and hybrid teams are the new normal. In this context, the flexibility of VPs is crucial for making early changes. However, it is still unclear if and how technologies affect VP effectiveness.
 The aim of this work is to compare Onshape and virtual reality in remote design meetings.

COMPARATIVE EXPERIMENTS



USE IT TO:
 Identify more issues
 Focus on design solution
 Check design details



USE IT TO:
 Work more cohesively
 Focus on design problem
 Check user interaction

CONCLUSIONS

VPs support remote design meetings
 Onshape and virtual reality are complementary, not substitutable!

LEARN MORE

READ MORE:
 Non-contextual design understanding
 Contextual design understanding
 Team review outcomes
 Verbal communication structures
 Private and shared views of virtual prototypes

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