EFFECT OF FULLY IMERSSIVE VR ON HUMAN PHYSIOLOGY

Viktor Sojka
INTRODUCTION

• For my bachelor thesis, we were searching for question if VR can be used in psychology and therapy.
• We wanted to know if VR affect us in the same way real world affect us.
• Focus on fyziological manifestation
• Use of heart-rate
• Not many experimentators in this field.
  • Mel Slater and his team
    • Milgram experiment in VR
    • Public speaking in VR
    • Effect of virtual body on racism
    • and more..
  • Serino and team
    • Swapping avatar bodies and its affect on body memory
  • Maselli with team
    • Dissociation from our body towards virtual one
EXPERIMENT

Oculus rift

2 stages:
- Relax
- Experimental/Control

Measuring heart-rate in all stages

Heart rate significantly higher in experimental stage
THANK YOU FOR YOUR ATTENTION


