

You may be asking...

WHY BIOMR?

USE CASES FOR BIO-INTERACTIVE VIRTUAL REALITY

How can BioMR be applied to problems in the real world?

SUPPORTING WORKERS

In the near future, VR technology will lead on-site jobs to be replaced with cyber-physical jobs which place the worker in a virtual environment for 8 or more hours. BioMR provides the capability to monitor these virtual work conditions for health and safety via biometric feedback.



UNDERSTANDING VR

As virtual reality grows in popularity, it is important to understand the effects spending time in a virtual environment may have on the body. BioMR allows researchers to study the physiological effects of VR use directly.

EXPANDING RESEARCH

Virtual reality can be used as an ethical research environment for studies too dangerous or unfeasible to conduct in the physical world. With BioMR, we can smoothly integrate physiological data collection into virtual study environments, expanding the possibilities of research in VR.



ENHANCING CONTROL

Using BioMR, virtual experiences can be built to adapt in response to user data in near-real time. Developers can use this technology to make VR that responds users like their own limbs.

SAFER IMMERSION

By tracking and responding to physiological signs of fatigue or distress, developers can use BioMR technology to implement safeguards into their virtual experiences. Safety precautions and responsive warnings can ensure VR users remain aware of their physical needs even when inhabiting a virtual avatar.



CURIOS? LEARN MORE BY JOINING US IN OUR ZOOM LIVE CHAT