





for assessing human response to building motion and environment

Low frequency, long stroke, bi-axial motion + Environmental chamber + Virtual Reality



University of Leicester



Engineering and Physical Sciences Research Council

2-DoF Motion platform



Environmental chamber



Immersive 3D projected VR



PROI

Explore links between motion, environment and human response



Allows exploration of human response

- How humans experience, interact with, and influence the environment they live and work in
- Acceptable vibration, sway, environmental characteristics
- Interaction between environmental factors
- Design sustainable buildings where people can be healthy and productive











VSimulators @Exeter

6-axis motion simulation with VR/mocap/force plate









Putting humans in the design loop -because of limitaions in design guidance















Some motion simulations -for engineering and medical applications

