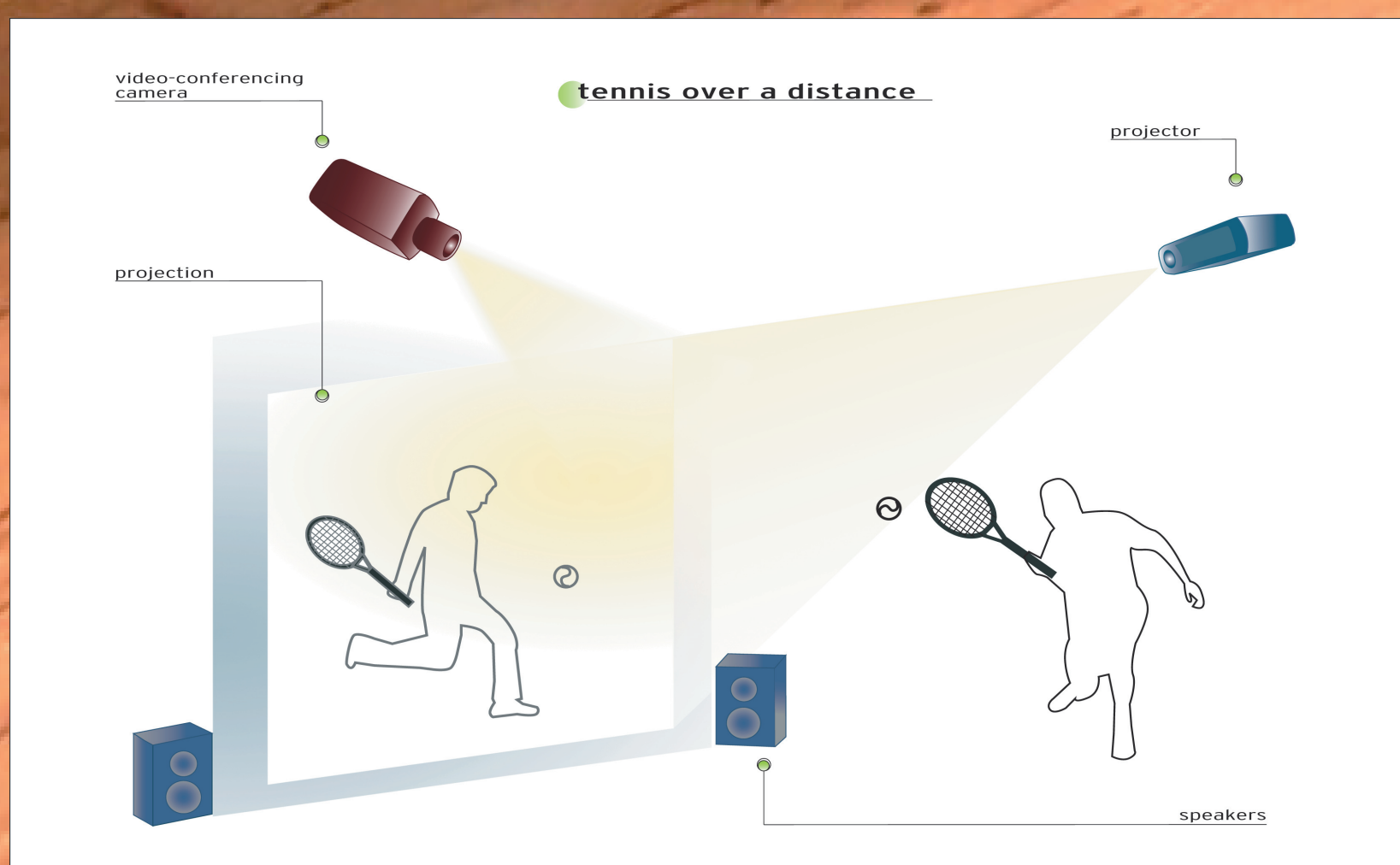




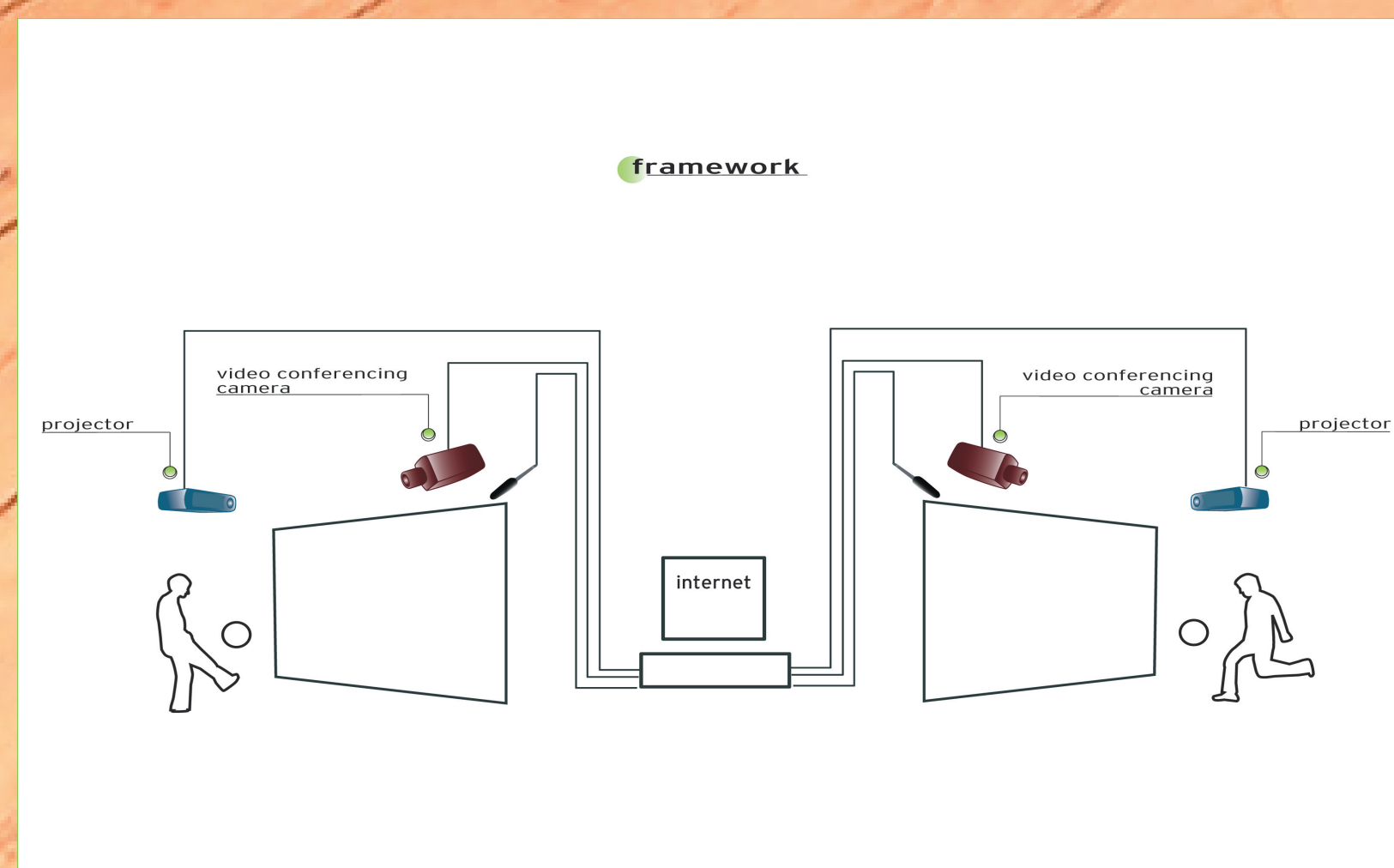
Exertion Interfaces for Sports over a Distance

Florian Mueller
Stefan Agamanolis
Rosalind Picard

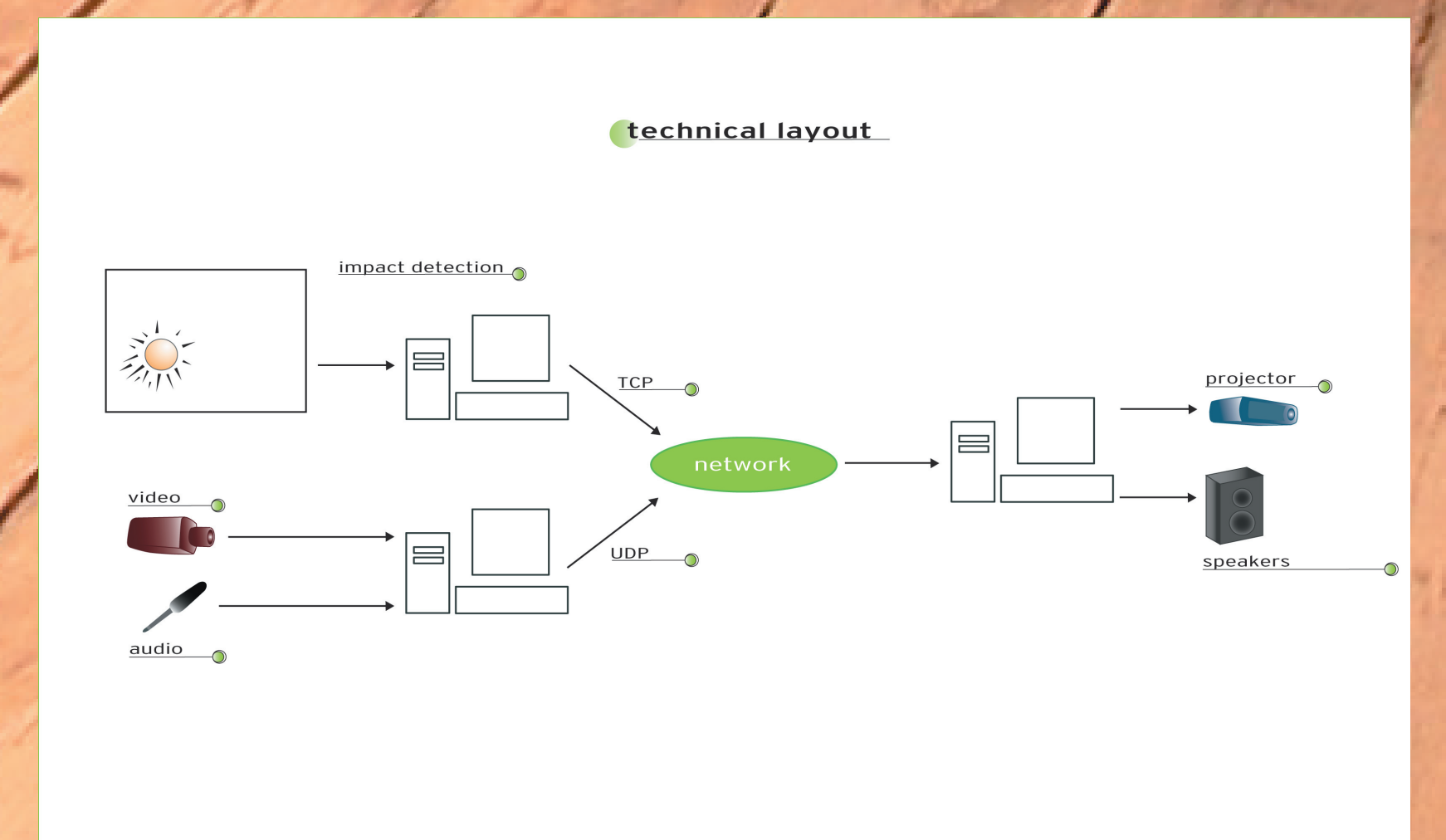
Media Lab Europe and MIT Media Lab
Media Lab Europe
MIT Media Lab



An Exertion Interface is an interface that deliberately requires intense physical effort. It is applicable in Sports over a Distance, facilitating social bonding between players who are miles apart.



Players kick, throw or smash a ball against a wall. They share virtual blocks - projected targets they must strike. If one player breaks a block, the same block at the other side also breaks.



The wall measures the ball's impact (location and intensity) and transmits it, along with live video and audio, to the other side. The projection creates the impression of a shared game court.

