

LBSkeleton (Listening Bio-Skeleton)

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### Abstract

LBSkeleton is a interactive installation, creating an alternative ambient display from a blend of pneumatic sound and magnificent shadows, and showing an emotional communication between audience and the kinetic sculpture in a soothing way. It is made of dense replicated foldable space truss studying the configuration of origami tessellation and mechanical techniques, to design a transformable body. LBSkeleton detects the presence of one or more persons by the proximity sensing in the space and reacts through a change of shape, sound, light, and gracefully enables the audience to immerse and control a harmonious and augmented musical environment through the body movement.

Keyword : interactive art