

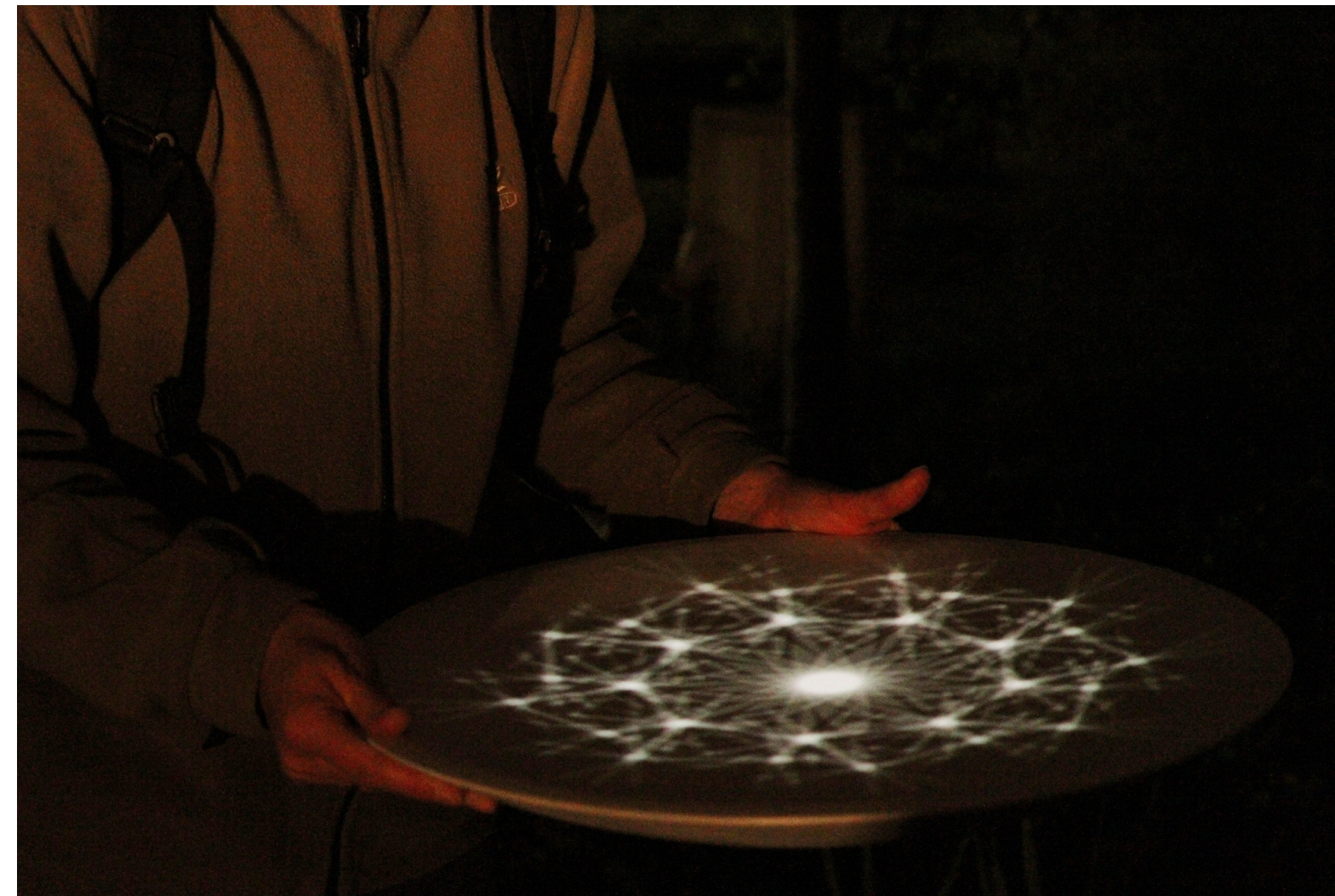
# Jing Hua

an action exploration in an interactive system

“Jing Hua” is an interactive system sought to discover hidden interactions between human and object.

“Jing Hua” has an interface in the form of a white oversized bowl, which is embedded with an accelerometer and an Xbee module. A video projector is connected to a computer and installed in a birdhouse which hung up on the branch of a tree. It casts the changeable figure of an archetypical flower vertically downwards on the interface. By moving or tilting the bowl, the signal of its position would be transmit to the computer in order to manipulate the color, form, size and structure of the figure concurrently.

The project was tested in the botanical garden in Frankfurt, Germany during the light festival LUMINALE 2010. Hundreds of visitors showed great engagement and emotional pleasure on interacting with the virtual flowers. The physical interface allowed its user freely performing actions, such as tilting, shaking, turning, even knocking.



Full video documentation at  
[vimeo.com/11565625](https://vimeo.com/11565625)

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