


Along the Line

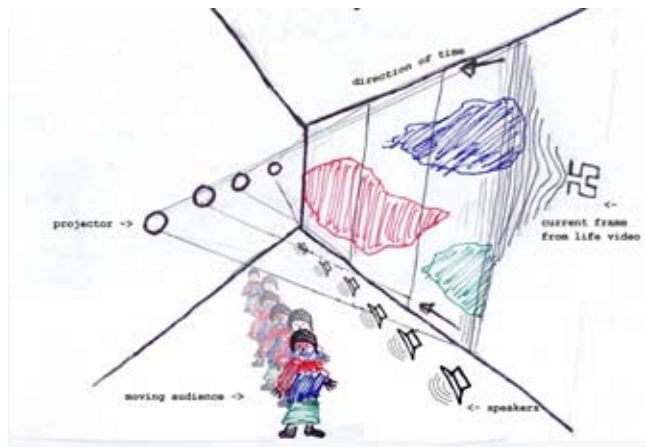
Florian Grond

in residency from October 23 to November 21, 2008

Lecture

Wednesday, November 19, 2008, at 5:30pm

This project is supported by the ZKM | Institute for Visual Media and the ZKM | Institute for Music and Acoustics
 Center for Art and Media Karlsruhe



Along the Line, esquisse de projet © F. Grond, 2008

During his residency at OBORO, Florian Grond will experiment with space-filling curves (SFCs) and video images to explore the relationship between central perspective – a classical issue in fine arts – and linear representations of reality. This combination will be Grond's starting point to develop a multimedia installation whose acoustic component will be directly linked to the structural properties of SFCs while addressing space and time in sound.

The core property of space-filling curves is to linearize high dimensional content. An image scanned through the structure of an SFC will unfold and be transformed into a continuous stream with features similar to those of a spectrogram, which in turn can be converted into sound. Hence, different colours can compose different time-based audio signals that result in a "travelling" sound wave.

Florian Grond was born in Austria in 1975 and studied chemistry in Graz, Leicester and Tübingen. He works as a research associate at the ZKM (Center for the Art and Media in Karlsruhe), in science (non-linear dynamics, system theory) and media art. Since 2001, he has had several peer-reviewed journal publications and art installations.

He exhibited in Austria, Canada, Denmark, Germany, Japan, Spain Switzerland and the USA. His recent project at the ZKM focuses on the field of scientific sonification, which is part of his PhD at Bielefeld University.

<http://www.grond.at/>