

**radioubique and phantasmata present:**

# *Natural Dynamic Concert*

**a sound journey by xname**

## **Concept**

One week long live-streamed sound performance whose musicians are software agents, circuits, bots, xname and the environment.

## **Theme**

Relation nature/technology in electronic music making and art.

Use of natural phenomena as chance, uncertainty or 'randomization' elements in order to create an interactive organic environment.

## **Space**

Collision of two different manifestations of the concept of space: physical space (the boat, its internal ambient, and the external environment it passes through), and the reticular space of the internet. Data will be travelling through a distance which can become musical material: information generated and collected from the intimate local space of the boat will be in fact streamed on different servers at the same time, and replayed. Playing one stream into the other the time-lag of the different servers used will be amplified, and the sound of packets travelling through the network will become audible.

## **Illusion**

The boat becomes a musical instrument made of organic and inorganic parts.

## **Timeline**

First week: inspect the space, prepare the instruments, refine electronic circuits, test the sound, test and tune pure data patches (arduino connecting light, temperature and humidity sensors), choose different spots for microphones, record live sounds, study the boat's route and finally cross-test streaming and bandwidth.

Second week: the concert starts, 24 hours a day it is a narrative, low density radio program. Music will be generated by the patches and the noise bots (reacting to natural light), the ambient sound streamed and manipulated. There will be a continuous interaction between the weather (light/humidity/temperature) and the sound (basically the weather will be controlling the sound).

## **Tech**

Home-made DIY circuits, solar panels, temperature sensors, arduino, humidity sensors, pure data, linux, GPS.

## **Documentation**

At the end of the journey there will be two chunks of material: audio recordings and visual documentation (drawings, photos, internet's captions). In addition to that, a research journal written during the residency.

<http://xname.cc>