

Instrumentalmusik und Live-Elektronik

LVA 17.0078

Week 4

- Demos
- Organizational
- Sonification

organizational

- Wednesday 24.04.2013 at 3.00 pm. : class next week is on Wednesday instead of Thursday (same place , same time)
- Thursday 02.05.2013: guest lecture on interaction design of speaker arrays and instruments
- Wednesday 08.05.2013 9.00 am - 5.00 pm : Workshop on building Mobile instruments conducted by Georg Essl

sonification using chuck

```
FileIO myFile;
myFile.open("data.txt", FileIO.READ);

string temp[10];
float myArgument;

if (myFile.good()) {
    string myLine;
    string temp;
    StringTokenizer tok;
    Mandolin m => dac;
    myFile.readLine() => myLine;
    <<< myLine >>>;
    1 => int notDone;

    while (notDone){
        myLine => tok.set;
        tok.next(temp);
        Std.atof(temp) => myArgument;
        myArgument => m.freq;
        1 => m.noteOn;
        0.03 :: second => now;
        myFile.readLine() => myLine;
        <<< myLine >>>;
        if (myFile.eof()) {0 => notDone;}
    }
}
myFile.close();
```

Assignment 4 (10 points)

Due: Wed. May 15 at 3.00 PM

Use the data sets available on the server as your performers for your instruments. Try to find different patterns in data sonically, patterns that you might not be able to see from plotting the data.

Build a sound texture from multiple data sets and try to make one of the data sets as a soloist more hearable.

Please submit your chuck files by the deadline and write in your comments what you found interesting in the data or how did you make it hearable.