



Live Sampling + DIY Mic Workshop

Live sampling is cool because you can play fresh sounds every time. But as you may know — if you have tried being a DJ or recording on your own — it is not the easiest thing in the world to record samples from acoustic instruments or objects and simultaneously do something musical with the captured sounds.

Scramble no more! Come to this workshop and try for yourself! Using Free/Open software (**Puredata**) for the live sampling/playback process — which used to take hours or days in a studio — can now be done instantaneously in any location you can imagine. This ready-to-go free software setup (Pd+"Slice//Jockey") will take care of everything that can be automated; as a musician you can focus on artistic aspects — playing acoustic sources and directing the musical flow. Join us and experiment with your own mix approach!

In the workshop, we will use Pure Data free software routines to take care of all the sound capture and playback automatically. In addition — at the beginning of the workshop — we will construct a high quality DIY microphone, a microphone which meets the demanding requirements of live sampling:

- unidirectional response (to alleviate feedback troubles)
- electro-magnetic shielding (to suppress electronic hum)
- flexible suspension of the capsule (to reduce handling-noises)
- pop filter (to enable vocal close-miking and outdoor use)

The DIY mics we will build in this workshop are designed to feed into your computer's onboard soundcard via 1/8 inch jack mic-input. Or the mic can feed into a simple external (USB) soundcard such as iMic. At the end of the workshop, you will have a simple/easy/powerful live sampling kit — perfect to take on the road with your laptop.