

**Dataset**

Experiments, experiment design,  
calibration, simulation.

**Application**

Processing, recordings,  
demonstrations

**Communication**

Ethernet, USB, Serial,  
Websocket (via easy-dsp)

**Acquisition**

VHDL for DMA, SPI interface to  
ADC/CODEC, double buffering

**Physical**

PCB design, components choice,  
MEMS, ADC, power supply