



### Applications:

- Audio Effect Processor
- Sound Synthesis Module
- Embedded Hybrid Instrument
- Active Control



### Module A



Researchers,



Musicians,

Etc.

Faust Program

Faust to DSP IP  
(detailed in Fig. 2)

DSP IP

Sensors  
ADC

MIDI

OSC

Web UI

DSP Control

ARM/Linux  
Dev Board

DSP

I2S in

I2S out

FPGA

2x2 Audio Interface

32x32 Audio Interface

### Module B

### Applications:

- Artificial Reverberation
- Noise Cancellation
- Virtual Acoustics/Reverberation
- Active Control



### Legend

WP 1&2

WP3

WP4

WP5

WP6