Welcome to the 1st IFC 2018 @ JGU

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July 17-18 2018
Welcome to the 1st Faust conference ever!

Conference website: http://www.ifc18.uni-mainz.de/

Direct link to live stream: https://www.youtube.com/channel/UCAr7dIdjRWkyZfeBU1nzOQg

```python
process = os.sawtooth(freq)
    : ((env,freq,_): filter) : *(env * gain)
    : *(vol:dezipper(0.99)) : sp.panner(pan:dezipper(0.99))
with {
    env = gate : en.adsr(attack, decay, sustain, release);
    filter(env,freq) =
        lowpass(env*res, ma.fmax(1/cutoff, env)*freq*cutoff);
    dezipper(c) = *(1-c) : +~*(c);
}
```
About Faust and the IFC

- in case you didn’t know, **Faust** is a functional dsp programming language which lets you create computer music and signal processing plug-ins with ease

- Faust is already pretty darn good, makes dsp programmers’ lives much easier, but obviously there are various areas in which it can still be improved

- **purpose** of this conference: bring together developers, researchers, teachers and users of the Faust language
Tuesday

9:30: **Session 1:** Development
10:50: Coffee Break
11:20: **Keynote** (Yann Orlarey)
12:00: **Invited Talk** (Julius O. Smith)
12:20: **Session 2:** Architectures
12:40: Lunch
14:00: **Round Table 1:** Faust Tools (Chair: Stéphane Letz)
15:30: Coffee Break
16:00: **Round Table 2:** DSP in Faust and Faust Libraries (Chair: Romain Michon)
17:30: Leisure
Wednesday

9:30: **Session 3:** Theory and Libraries

10:50: Coffee Break

11:20: **Session 4:** Applications

12:40: Lunch

14:00: **Round Table 3:** Faust Compiler and Semantics (Chair: Yann Orlarey)

15:30: Coffee Break

16:00: **Round Table 4:** Open Session (Chair: Albert Gräf)

17:30: **2018 Faust Award Ceremony** (Yann Orlarey)
Special Events

Tue 14:00 **MIDI Lab: Faust Student Workshop** (Julia Krüger) limited to 8 participants, please register at the info desk!

Wed 17:30 **Lecture Hall: 2018 Faust Award** (Yann Orlarey)

Sound Installations and Demos in the Faculty Room (TBA):

**Ambitools** (Pierre Lecomte)

**chair.audio** (Björn Kessler)
Locations
Locations

- **info desk** ⇒ badges, programs, printed *proceedings* (€10 apiece), coffee, beverages (we kindly ask for *donations!* and information (ask Julia!))

- **faculty room** (sound installations, demos)

- **MIDI lab**: Music-Informatics, Pfeifferweg 12, ground floor (student workshop, ask the other Julia!)

- **cafeteria** on 1st floor (snacks + drinks)

- **“Baron”** at the Forum Universitatis (food)
Locations

- hotel "Römerstein": Draiser Str. 136 f, 55128 Mainz, +49 (0)6131 936660
Notes for Presenters / Round Table Participants

▶ **minijack** for the audio, **VGA** or **HDMI** for the video, please have your adapters ready and ask Ilenia or Wingel to hook you up to our technical gizmos

▶ we’re streaming live on **YouTube**, so please **avoid copyrighted AV materials** (or at least tell Sebastian about it in advance)

▶ also tell Sebastian if for some reason you do **not** want your presentation to be streamed and/or recorded

▶ we’ll also (try to) record the round tables, so the we can put together a summary of the main points in the discussions afterwards
As usual, we have your name, title of the talk and the final paper published on the IFC 2018 website, and will upload the video of your presentation when it’s ready. Please get in touch with us via ifc18@muwiinfa.geschichte.uni-mainz.de if you want to have any of that information changed or removed.
SSID: Uni-Mainz, login: ifcwifi (see info desk for details)

- you can also use your eduroam account if you have one
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