Welcome to the 1st IFC 2018 @ JGU

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JOHANNES GUTENBERG UNIVERSITÄT MAINZ

Overview

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

```
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);
};
```

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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

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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

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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)

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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)

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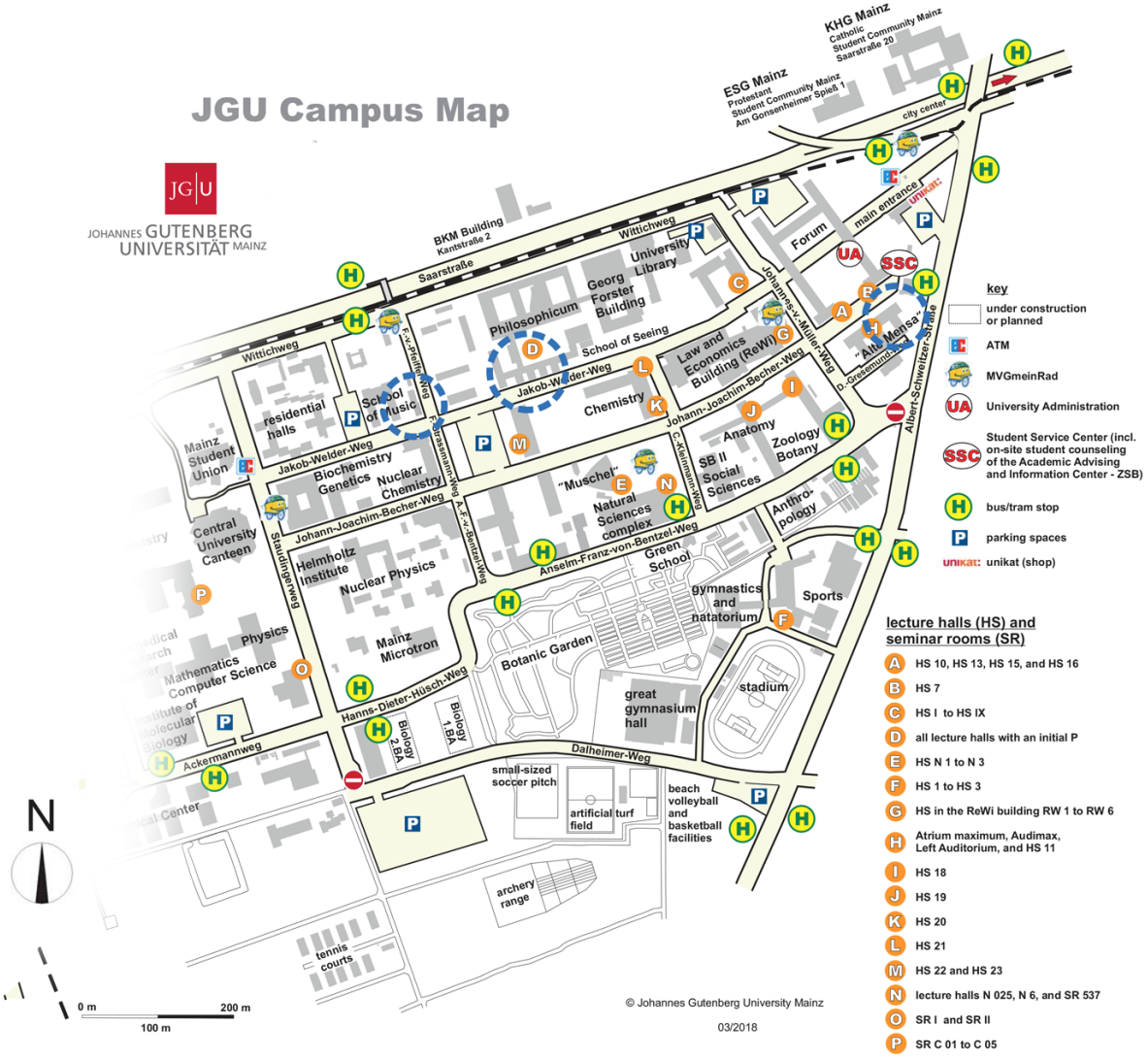
Locations



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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)

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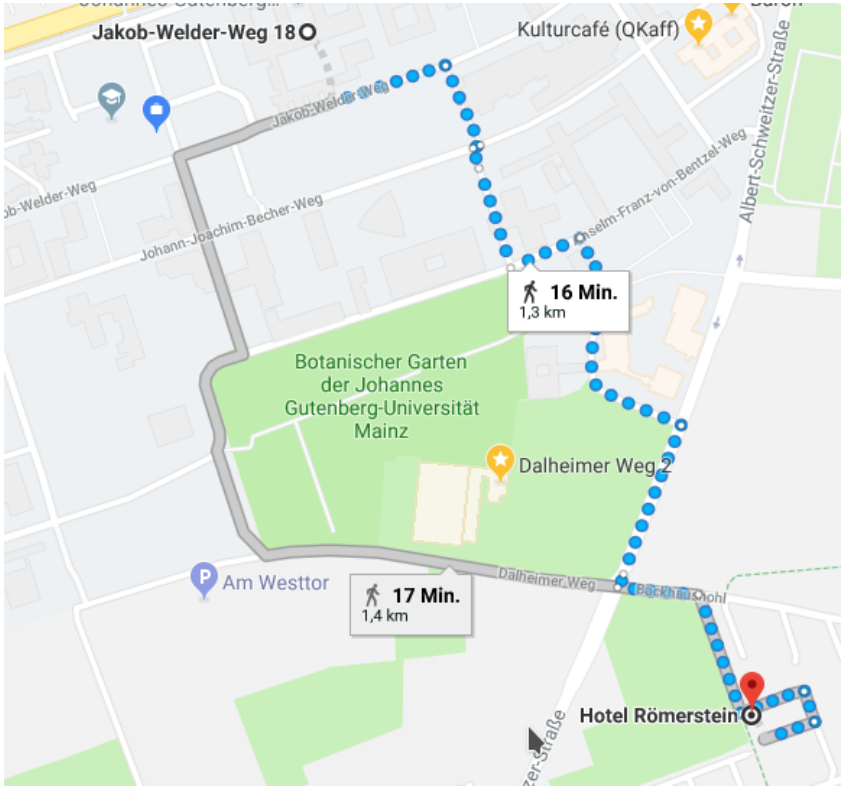
Locations

- hotel **“Römerstein”**: Draiser Str. 136 f, 55128 Mainz, +49 (0)6131 936660



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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

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GDPR Notice

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.

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JGU WiFi

- 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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