



BA/MA/SA/Group/Lab:

## Radio 2.0

Nowadays, a lot of people love to listen to music using their smart phones. However, after a while the music collection on the device becomes boring and one would like to discover new artists or albums. How can this be done? One well established possibility is to listen to radio.

The big problem with the traditional radios is that they do not play music tailored to ones taste but just play popular music and the music is constantly interrupted by commercials and "funny" host comments. This essentially means that most of the music that is played is not interesting for the listener. Alternatively there are some online music services that offer personalized playback, but charge money for it. Is it possible to provide a similar service for free using existing online radio stations? We believe yes!

The goal of this thesis is to build a new, free music service that plays personalized radio streams on demand. We have some cool ideas how this could be realized and which features would be nice to have. We are looking forward to hear about your ideas and talk to you about the topic.



**Requirements:** Experience in programming asynchronous systems and an independent style of working are of advantage.

**Interested? Please contact me for more details!**

### Contacts

- Samuel Welten: [swelten@tik.ee.ethz.ch](mailto:swelten@tik.ee.ethz.ch), ETZ G61.4