



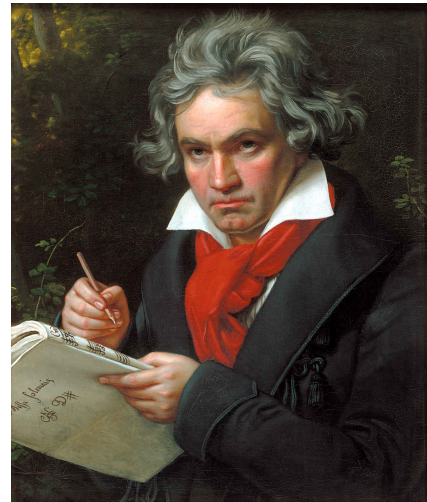
BA/SA/Group/Lab:

## Robot Composer

Composing a great original piece of music is an art which requires a lot of creativity. Furthermore, each genre has its own (large) set of rules, which have to be respected for the most part of a piece. This means only few people are able to create truly great music.

Nowadays, there exist tools for generating music in a script-based way, which allows for an automated approach to create music. One such open-source software is SonicPi<sup>1</sup>.

Having such a tool at hand, do you believe you can beat Beethoven et al., by writing software that does the job of a composer?



Previous work at our group has resulted in a system which is able to generate jazz and blues music that sounds surprisingly good. Based on the insights that we gained through this project, you might continue improving this tool and extend it with other music styles.

If you are interested and maybe have your own ideas, please contact us, so that we can have a chat.

**Requirements:** For this work, you will need some knowledge of music theory or the patterns behind the music of a genre. Creative thinking and programming skills are advantageous to successfully work on this topic. The student(s) should be able to work independently!

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

### Contact

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<sup>1</sup><http://sonic-pi.net/>