

## Workshop on Tools for Musical Audio Analysis

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This workshop will cover two popular software tools for analyzing music audio, Audacity and Sonic Annotator. It will also cover a number of plug-ins that expand the automatic annotation capabilities of the software tools as well as methods for batch processing audio files.

*Please bring your laptop to the workshop.*

Before the workshop

### 1. Download the following software:

Audacity: <https://www.audacityteam.org>

Sonic Annotator: <https://code.soundsoftware.ac.uk/projects/sonic-annotator/files>

Sonic Visualiser: <https://www.sonicvisualiser.org>

Vamp Plugins

Chordino and NNLS Chroma: <http://www.isophonics.net/nnls-chroma>

Mazurka: <http://www.mazurka.org.uk/software/sv/plugin/download/>

MATCH: <https://code.soundsoftware.ac.uk/projects/match-vamp/files>

Melodia: <https://www.upf.edu/web/mtg/melodia?p=Download%20and%20installation>

pYIN: <https://code.soundsoftware.ac.uk/projects/pyin/files>

Queen Mary: <https://vamp-plugins.org/plugin-doc/qm-vampplugins.html>

Segmentino: <https://code.soundsoftware.ac.uk/projects/segmenter-vamp-plugin/files>

*Try to install the software on your laptop. If you encounter any issues you can either email me about them before the workshop ([johanna.devaney@brooklyn.cuny.edu](mailto:johanna.devaney@brooklyn.cuny.edu)) or we can go over them at the start of the workshop.*

### 2. Read the attached manuscript, focusing on sections 1, 2, and 3.1.