Tutti

Your own virtual orchestra

Conduct and rehearse with musicians around the world from the comforts of your home.

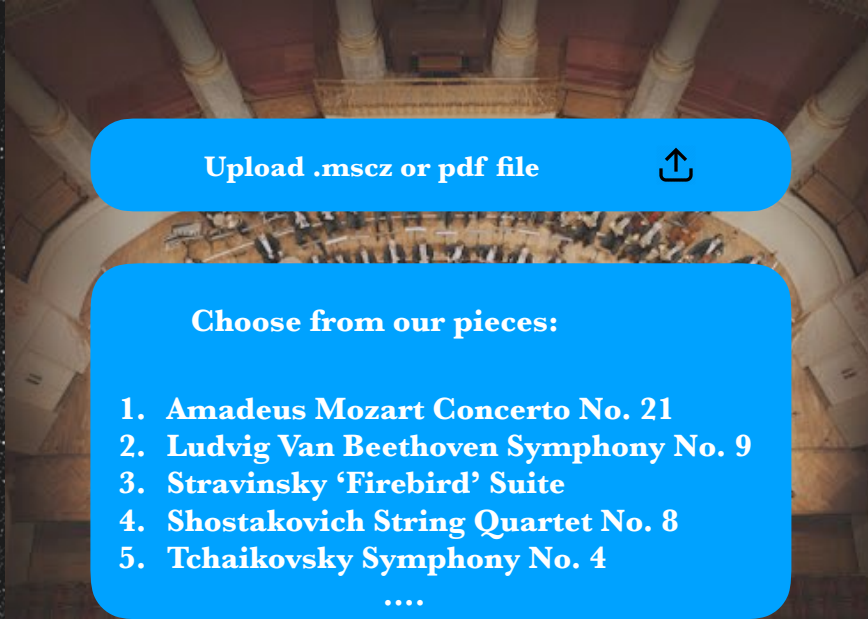Give your compositions a 'stage' to be performed with entire orchestras.

Watch exciting live rehearsals and concerts on the opposite side of the world.

How does it work?

Tutti is an Augmented Reality experience, which is compatible with Google Glasses and other AR glasses. You upload your piece of your piece of music and choose your settings from your phone and then, finally, you can rehearse with your virtual ensemble. For the player mode (will be explained below), you will need a 360 degree camera to be visible by other members of your ensemble. Image recognition software is used to discern your figure and sync together everything in real time.
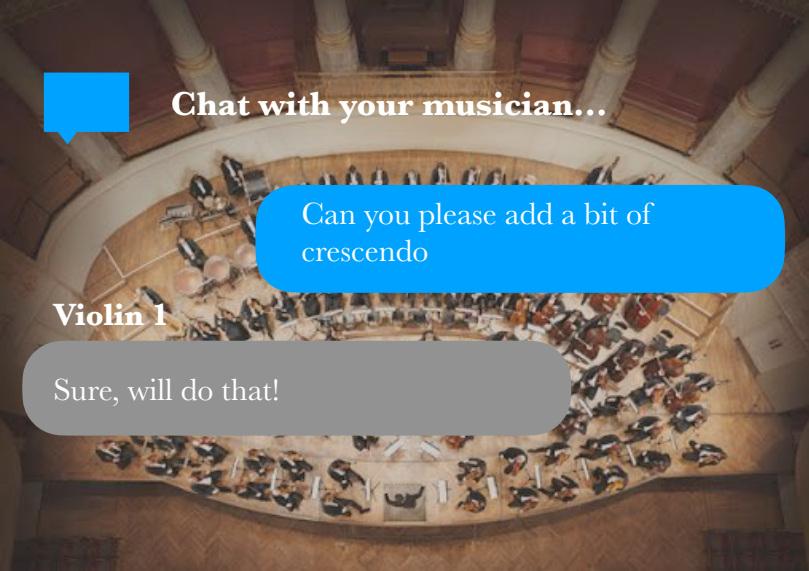
In the virtual orchestra mode, we have used state-of-the-art deep learning algorithms to create computer-generated 'musicians' that play their individual parts according to the score. Your job is to conduct this ensemble of automata. We have provided a baton with a built-in motion sensor to allow for a smooth, lag-free experience.

Upload .mscz or pdf file ⬆

Choose from our pieces:

1. Amadeus Mozart Concerto No. 21
2. Ludvig Van Beethoven Symphony No. 9
3. Stravinsky 'Firebird' Suite
4. Shostakovich String Quartet No. 8
5. Tchaikovsky Symphony No. 4
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There are three main modes that are available to you…

Player mode

- Upload the sheet music of your piece (you can upload a MuseScore file or pdf) or choose from our large database of all the classics.
- Choose the instruments you wish to play the piece and depending on the availability of the appropriate musicians at the time, which can be seen in our *Harmonic Globe* above, we will create a specially tailored ensemble just for you. You can also join an existing ensemble.
- It's finally time to rehearse! You will be able to see the figures of your fellow musicians all around you, once everything is synced up.

Sax 1 Sax 2 Piano 1

Violin 1 Violin 2 Violin 3

Virtual Conductor Mode

- Upload the sheet music of your piece (you can upload a MuseScore file or pdf) or choose from our large database of all the classics.
- Our software will generate the musicians needed for the piece, which you will be able to see around you through your glasses.
- Now, it's time to conduct your virtual orchestra! The motion sensor in the baton measures your gestures. We also provide conducting tutorials.
- We also provide a way to provide feedback to your 'musicians' using the 'Chat' feature. At the end, you get to rate your musicians.

Audience Mode

The Audience Mode allows you to see performances and rehearsals live in the most intimate way possible. We list the performances going on at that time. There are also multiple recorded performances.

Now, you are ready to go explore and relive authentic musical experiences!