

## **Abstract**

The diploma thesis follows the bachelor's thesis Music and Time Perception (Becková, 2017). It focuses on time perception in music. It reviews current influential theories and models in the research of time perception, and also time perception models in relation to music, ie models based on the existence of internal time clocks and models based on attentional, memory and other dynamic processes. It also focuses on the psychological aspects of the metrum, rhythm and other musical characteristics in relation to time perception. Possible use of research findings in the field of time perception in music is also mentioned. In the experimental part I applied specific findings from the current research of time perception to short acoustic stimuli in the range of suprasecond intervals using reproduction as experimental paradigm. The filled-duration illusion, the divided time illusion and an effect of tone pitch were demonstrated. The findings from the experiment could be used in future research in the field of music and time perception.

*Klíčová slova: time perception, music perception, psychology of time*