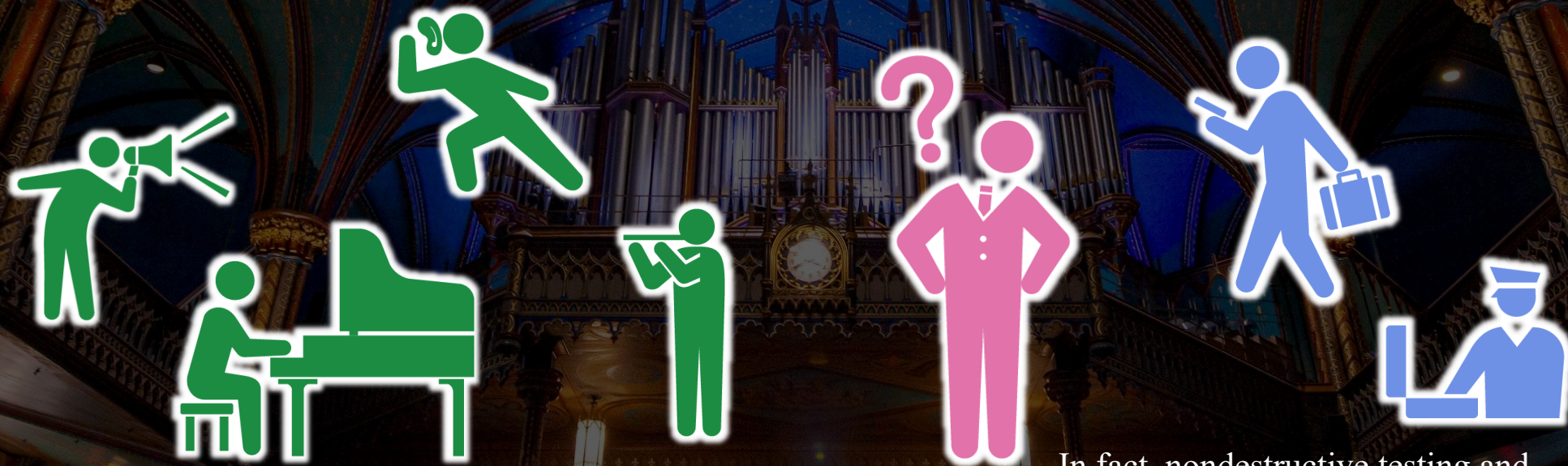


The truth of "sound" and its application for material science –Observation material insides by sound–



Various sound in our lives

In fact, nondestructive testing and wireless communication requires sound.

We are surrounded by various kinds of sound in our daily lives. In fact, sound plays an important role in many technologies, such as nondestructive testing of structures and wireless communication in smartphones.

In this class, you will learn about the Fast Fourier Transform (FFT), a powerful tool for analyzing sound. Let's explore the true nature of sound and how it is used in nondestructive testing!

Contact: Akira Nagakubo (022-795-7357) nagakubo@tohoku.ac.jp

