



# SAKAMOTO LAB.

Welcome to aural demonstration using sound field simulator!

## [Development of technologies for quiet and comfortable environment]

Advanced Mobility Research Center

<http://www.acoust.iis.u-tokyo.ac.jp>

Applied Acoustic Engineering

Department of Architecture,  
Graduate school of Engineering

## Development of technologies for quiet and comfortable environment

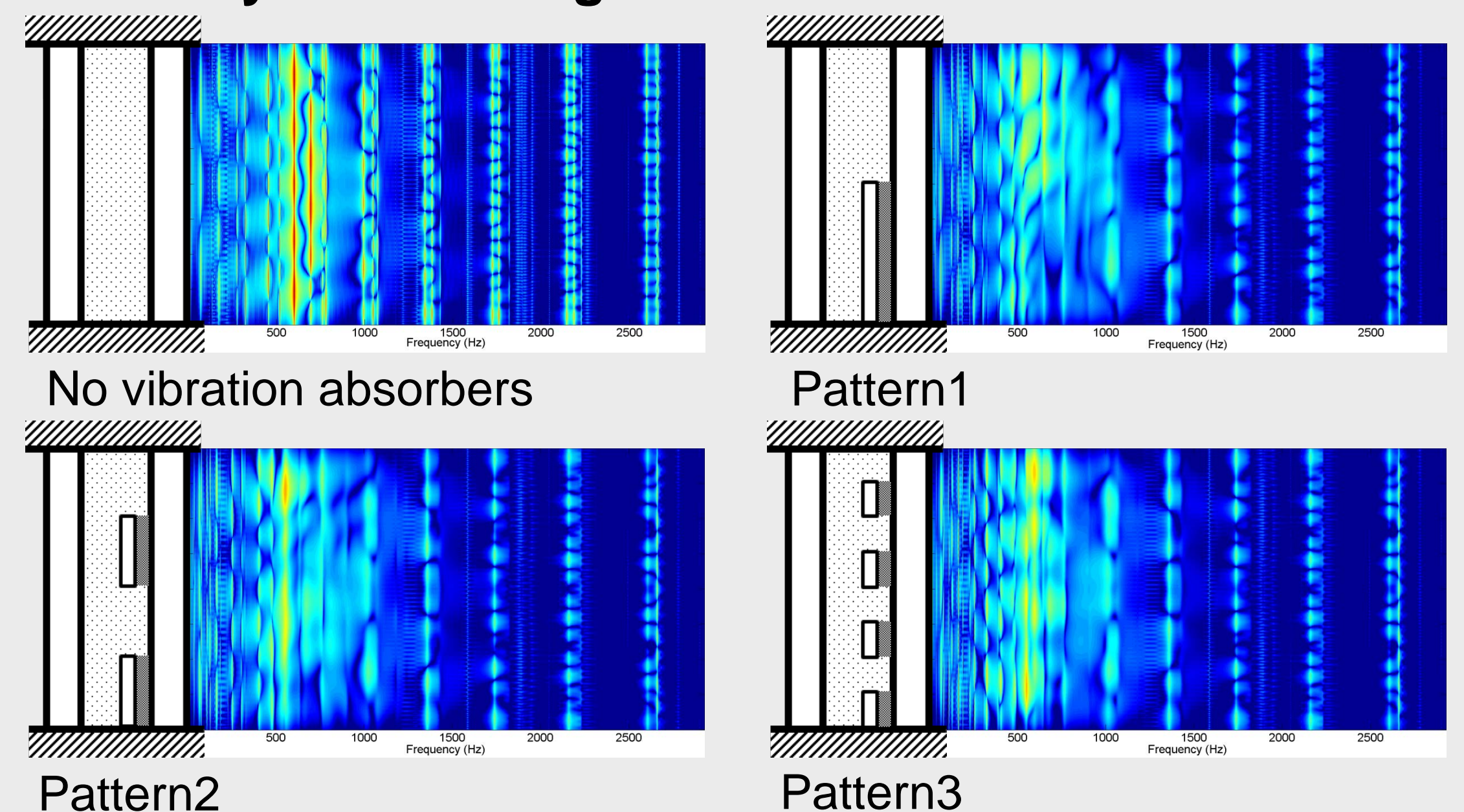
Our laboratory treats various acoustical issues about development of technologies for quiet and comfortable environment. Method of evaluating of acoustical environment and techniques of control and prediction of sound will be introduced.

- ◆ **Development of prediction methods** : Numerical analysis
- ◆ **Room acoustic design** : Auditorium, Music practice room, Open-type classrooms
- ◆ **Acoustic measurement** : Sound propagation, Sound insulation and absorption
- ◆ **Development of sound field simulation** : 6 channel recording-reproduction system
- ◆ **Subjective evaluation** : Concert halls, Living environments, Public spaces, Offices, other small spaces such as a car cabin

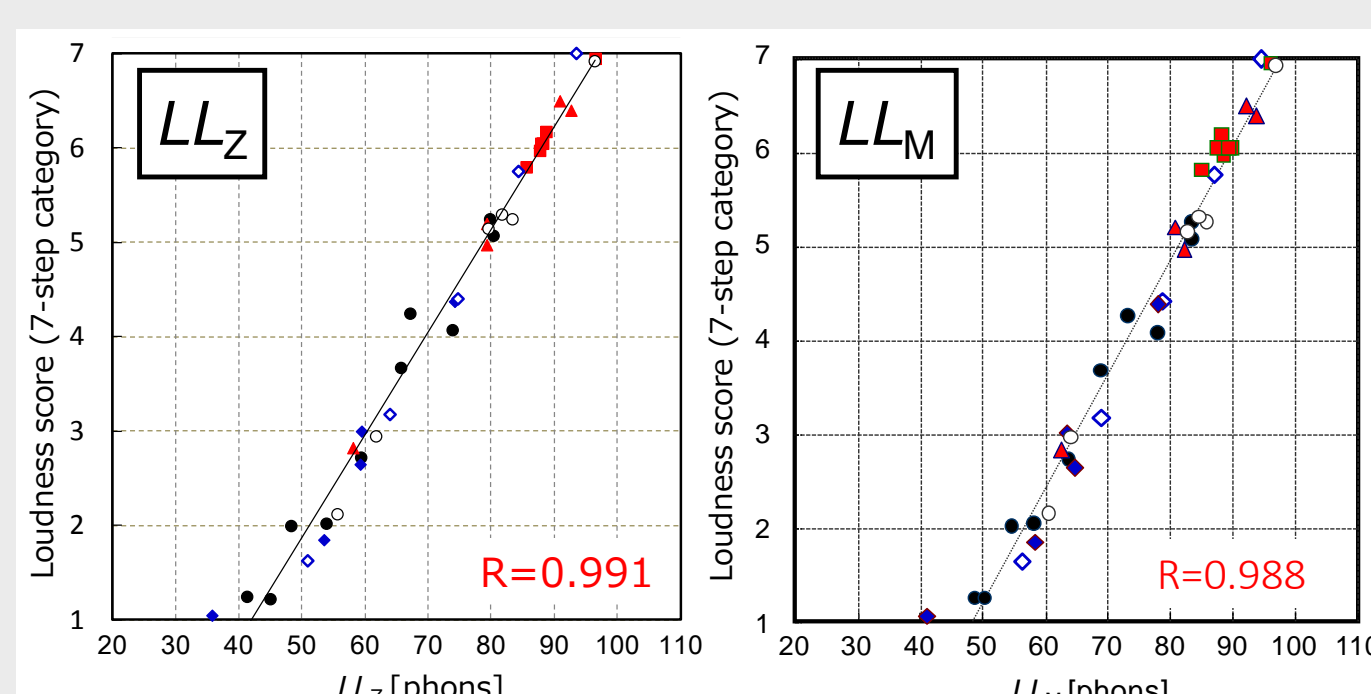
### Sound masking system for speech privacy



### Development of sound insulation performance of double-layer wall using vibration absorbers



### Psycho-acoustical assessment of environmental noise



### Acoustical performance of music practice room

