



SAKAMOTO LAB.

Welcome to aural demonstration using sound field simulator!

[Sounds of daily life]

Advanced Mobility Research Center

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

Applied Acoustic Engineering

Department of Architecture,
Graduate school of Engineering

Sounds of daily life

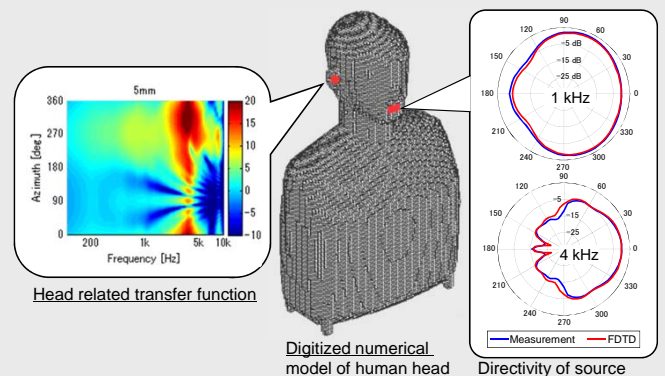
“Sound” is important for *our quality of life*. Our laboratory is making acoustic researches through prediction/measurement of physical aspects of sound and evaluation of psychological/physiological effects of sound on man, in order to contribute to creation of safe and comfortable acoustic environment.

- ◆ **Development of prediction methods** : Numerical analysis
- ◆ **Room acoustic design** : Auditoria, Musical 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

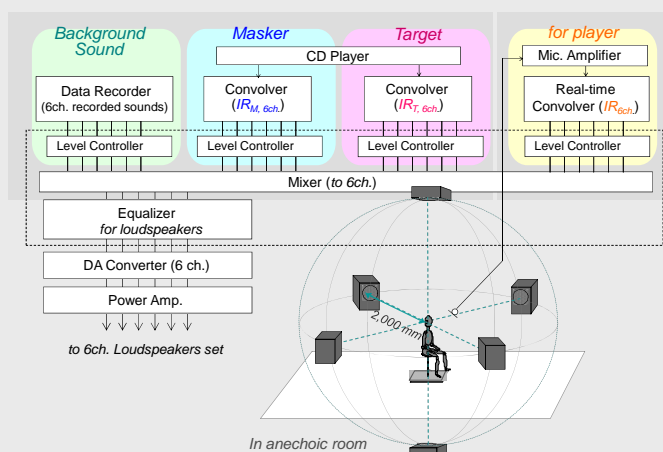
Sound masking system for speech privacy



Simulation of human vocal/hearing directivity



Development of sound field simulation technique



Acoustical performance of musical practice room

