

# Room acoustics

## Course information

ECTS: 2	Common with the master in Acoustics	Course code :
Lecture: none	Tutorial classes: 17h	Practical work: 6h

Course coordinator : Christophe Ayrault

## Course Description

### Aim

The aim of the course is

- \* to understand the physical phenomena involved in the sound propagation in a room, how to control the room acoustics by passive (materials).
- \* to be able to make measurements of room characteristics, simulate the room acoustics.

### Prerequisite

[Acoustics refresh](#), [Acoustics experiments refresh](#), [Instrumentation refresh](#)

### Contents

Physical phenomena involved in the sound propagation in a room.

Control of room acoustics by passive (materials).

Measurements of room characteristics, simulate the room acoustics.

### Examination duration

2 hours

### Examination type

Written examination