

# Acoustics II experiments

## Course information

ECTS: 2	Common with the master in Acoustics	Course code :
Lecture: none	Tutorial classes: none	Practical work: 16h

Course coordinator: Olivier Richoux

## Course Description

### Aim

The aim of this practical is to apply the knowledge acquired during [Acoustics II A](#).

### Prerequisite

Course: [Acoustics I](#), [Acoustics II A](#).

### Contents

- \* Radiation impedance of a duct
- \* Monopole, dipole, quadrupole
- \* Guided waves in a cylindrical duct
- \* Sound scattering by a rigid cylinder

### Literature

- \* C. Potel, M. Bruneau, "Acoustique Générale", chapters 1, 4-7 (in French)
- \* S. Temkin, "Elements of Acoustics", chapter 5

### Examination duration

2 hours

### Examination type

Written examination