

Acoustics experiments refresh

Course information

ECTS: 0,7	Common with the master in Acoustics	Course code :
Lecture: none	Tutorial classes: none	Practical work: 8h

Course coordinator : Christophe Ayrault

Course description

Aim

The aim is to familiarize the students with the standard equipments and methods used in acoustics and vibrations.

Prerequisite:

Bachelor level in electrical and mechanical measurement techniques.

Content:

Classical measurements in acoustics and vibration

- * Practical 1: acoustic impedance measurements
- * Practical 2: speed of sound measurement
- * Practical 3: measurement of pressure and particle velocity with an intensity probe

Examination duration

2 hours

Examination type

Practical work