Acoustics experiments refresh

Course information

<table>
<thead>
<tr>
<th>ECTS: 0.7</th>
<th>Common with the master in Acoustics</th>
<th>Course code:</th>
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</thead>
<tbody>
<tr>
<td>Lecture: none</td>
<td>Tutorial classes: none</td>
<td>Practical work: 8h</td>
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</tbody>
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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