Acoustics II experiments

Course information

<table>
<thead>
<tr>
<th>ECTS: 2</th>
<th>Common with the master in Acoustics</th>
<th>Course code:</th>
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<tbody>
<tr>
<td>Lecture: none</td>
<td>Tutorial classes: none</td>
<td>Practical work: 16h</td>
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</tbody>
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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