Project

Course information

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<th>ECTS: 4</th>
<th>Independent from the master in Acoustics</th>
<th>Course code:</th>
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Course coordinator: Manuel Melon

Course Description

Aim

The aim of the project is to apply the knowledge acquired during the first year to a practical problem.

Prerequisite

All the courses given during master 1.

Contents

Students should make a feasibility study proposed by a company or a laboratory using modeling and experimental characterization of electro-acoustic system. The project is organised as follow:

* Literature review and project management (1 week) leading to a review report.
* Study of the problem (5 weeks)
* Presentation of the work

Example of past projects

* PVC tubes speakers: design, building, measuring and listening tests
* Variable directivity subwoofer: design building and measuring
* Portable loudspeaker: design, building, measuring and listening tests

Examination duration

Oral: 20 minutes

Examination type

Written report and oral presentation.