

# Signal analysis II

## Course information

ECTS: 2.5	Common with the master in Acoustics	Course code:
Lecture: 12h	Tutorial classes: none	Practical work: 8h

Course coordinator : Laurent Simon

## Course Description

### Aim

Introduction to modern signal processing for acoustics and mechanics. How to use key signal processing methods for actual data.

### Prerequisite

Course : [Signal analysis I](#)

### Contents

- \* Acoustic imaging with holography and beamforming.
- \* Identification of measured FRF.
- \* Pisarenko, Prony methods, decomposition in subspaces.

### Literature

### Examination duration

2 hours

### Examination type

Written examination + grades on practicals reports