

SHAKE THE FUTURE.



ENGINEERING PROGRAMME

PROFESSIONAL OPTION

**PERCEPTION AND SOUND
DESIGN**
SPRING SEMESTER

DESIGN PROJECT

PERCEPTION AND SOUND DESIGN, ENGINEERING PROGRAMME PROFESSIONAL OPTION
SPRING SEMESTER

Professor: Jean-François PETIOT

Objectives

Carry out a case study on sound design, sonification or audio quality of systems.

Course contents

Design project on sound design, sonification or audio quality.

Partnership with PSA on the sonification of interfaces for car driving.

Audio quality (S20 company, La Roche/Yon), George Renault company, Saint Herblain)

Examples of projects:

- design of alarm sounds (PROXIPI)
- sonification of an IHM for cars (PSA)
- audio quality of a washing machine (S20, La Roche sur Yon)
- acoustic measure of the human skin
- audio quality of an electric shock screw gun (Georges Renault, Saint Herblain)
- sounds for electric vehicles
- design of a musical clock

Course material

Keywords

Links with other programmes

All other courses within the option.

LANGUAGE	ECTS CREDITS	LECTURES	TUTORIALS	LABO	PROJECT
French	1	0 hrs	0 hrs	0 hrs	40 hrs