

SHAKE THE FUTURE.



ENGINEERING PROGRAMME

PROFESSIONAL OPTION

SCIENCE AND MUSIC
SPRING SEMESTER

PROJECT

SCIENCE AND MUSIC, ENGINEERING PROGRAMME PROFESSIONAL OPTION
SPRING SEMESTER

Professor: Jean-François PETIOT

Objectives

To apply a scientific approach to a musical field.

Course contents

- Students can choose their own project, the subject of which must be related to the different aspects covered in the option:
- physics of musical instruments, physical models
- innovative musical instruments
- control of room acoustics
- sound recording, sound engineering, musical project
- automatic scores
- micro web-based services for browsing and musical creation - MIR (music information retrieval)

Course material

Keywords

Links with other programmes

All other courses of the option.

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