



# International Master's Degree In ElectroAcoustics



28/01/2020



## **AIM OF THE MASTER**



- The International Master in Electroacoustics offers students the possibility of learning the fundamentals in electroacoustics and in relating fields:
  - Electroacoustics
  - Mechanics and materials
  - Transducers (loudspeakers, microphones)
  - Acoustic loads and acoustic radiation
  - Signal processing (real time)









### **COURSES**



#### Courses plan

	September	October	November	December	January	February	March	April	May	June	July
Master 1	Refresher courses	Academic courses			Exams	Academic courses Exams		Exams	Project 1		
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Master 2	Academic courses			Project 2	Exams	Internship					Defence

#### Teachers

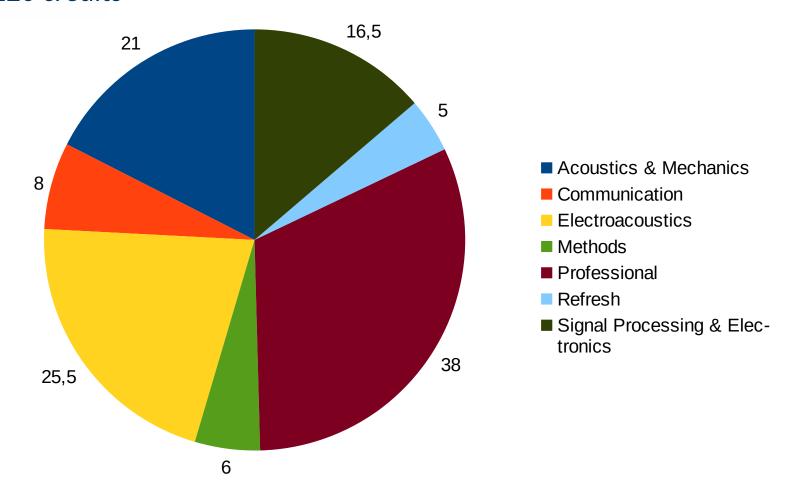
- Academic
  - Teachers from LAUM
  - Teachers from ESEO (electronic engineering school)
- Professional teachers
  - Companies working in audio, transportation, telecommunication, ...



## **CREDITS**



#### Total 120 credits





# PROJECT 1 (SEMESTER 2)



- 2015: PVC pipe speaker
- 2016: Subwoofer with variable directivity
- 2017: portable speaker
- 2018: 1st IMDEA Show
- 2019: 2<sup>nd</sup> IMDEA Show







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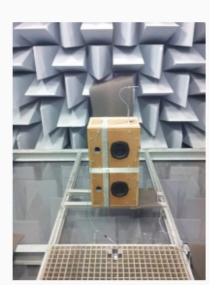


# **PROJECT 2 (SEMESTER 3)**



- Topics are research based
- More and more collaborations with companies (PSA, BW, L Acoustics, DnB,...)
- Work can be presented in the **AES Conference**

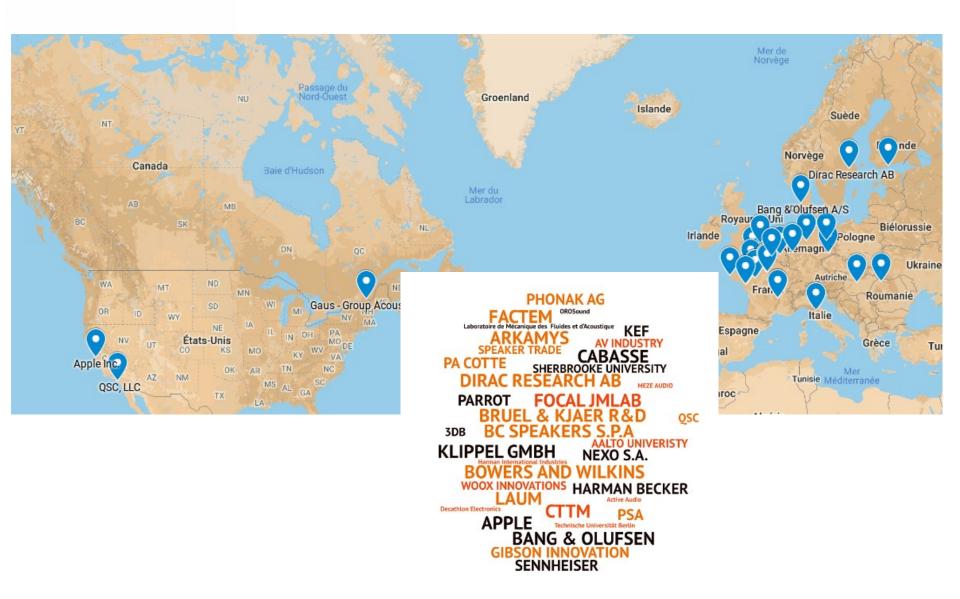






#### **INTERNSHIPS**







## **PROFESSIONAL ACTIVITIES**



- Participation in the Audio
   Engineering Society Convention
  - Student design competition
  - AES Education Fair
  - Scientific presentations
  - Discussions with professionals



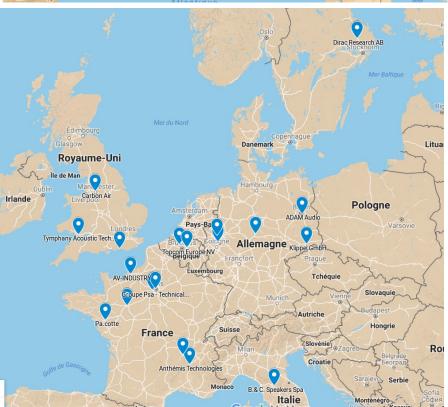




# **EMPLOYMENT OPPORTUNITIES**







Discom GmbH 3DB Isostem

Phonak Tympany

NXP

Orosound

Klippel

Univ Pierre & Marie Curie

Anthémis Technologies

Focal JM Lab

Martin Audio

Nasyl Engineering CARBON AIR Ltd.

# Dirac Research

Arkamys Gall

Adam Audio GmbH

Paradigm electronics Gaus B&C Speakers

3&W. 9

Speaker Trade

Premium Sound Solution
Fink Audio Consulting

P.A. Cotte

**LAUM** 

Bang & Olufsen