Master's degree in
Deep Learning for Audio and Video Signal Processing

Why study the master's degree in *Deep Learning for Audio and Video Signal Processing?* Why at the Universidad Autónoma de Madrid?

There are many reasons to study this master:

- There is currently a **huge demand for academics and professionals in the field of *Deep Learning***. According to a recent survey (http://bit.ly/2V0mghu), *Deep Learning* techniques were among the ML skills with the lowest competency rates among ML researchers: Neural Networks – GAN (7%); NN – RNNs (15%) and NN – CNNs (26%). As a result of this growing interest, large tech companies have created specialized divisions for applying Deep Learning to acoustic/visual signals, such as Amazon, Apple, Google, Microsoft, Facebook and NVIDIA.

- This Master provides training to **highly qualified researchers in the field of Deep Learning** applied to audiovisual data.

- The contents of this master **focus exclusively on the field of Deep Learning**, making it a **unique offer in the context of the European Union and Spain**.

- El **Trabajo Fin de Máster** se puede realizar tanto en **laboratorios de investigación punteros** de reconocido prestigio, como prácticas (*internship*) en **instituciones líderes de España y la Unión Europea** aprovechando los acuerdos de colaboración existentes con la UAM.

- The **Master thesis** can be carried out in **outstanding research laboratories** of recognized prestige, or as an **internship in leading institutions** in Spain and the European Union, taking advantage of collaboration agreements with the UAM.

- The **teaching staff** of the Master is composed by leading experts and professionals, **recognized at both national and international level**.

- The **UAM** is a modern and multi-cultural university, interested in the complete education of its students and internationally famous, being **among the 200 best universities in the world and the 3rd in Spain (ranking QS 2019).**

- The **UAM** is **located** in Madrid's "scientific hub" (https://fpcm.es/), an area in northern Madrid that is **home to many research institutions, university hospitals and innovative companies**. The UAM is also part of the International Campus of Excellence UAM+CSIC.

- The **UAM** is a public university committed to a just and generous world. It supports **socially responsible research,** the strengthening of **ethical values** in science, the advancement of open science, and increased **awareness of science** in society.