
CALL FOR RESEARCH FELLOWSHIP

The [Intelligent Signal Processing and MultiMedia \(ISPAMM\)](#) Research Group at [DIET Dept.](#) of Sapienza University of Rome is looking for an enthusiastic Research Fellow to work on **deep learning for audio analysis**.

TOPIC DESCRIPTION: The objective is the design and deployment of advanced deep learning algorithms for audio analysis (including audio, speech and acoustic signals), with a focus on multilingual contexts (italian, english) and one or more of the following applications: audio enhancement, speech recognition, audio super-resolution, sound source detection and localization, 3D audio.

REQUIRED SKILLS: Master Degree or PhD (preferred) in a relevant discipline; working or research experience in the field of speech processing, audio analysis and deep learning; basic knowledge of audio signal processing and deep learning; programming skills in Python.

WORK LOCATION: The main workplace is the [ISPAMM Laboratory](#), located in the shadow of the Colosseum, at DIET Dept., Sapienza University of Rome, Italy. The ISPAMM is a vibrant and challenging research group, whose research activities are related to the areas of Machine Learning for Signal Processing, Adaptive Signal Processing, Audio Signal Processing, Neural Networks for Signal Processing, Optimization Algorithms for Machine Learning.

DURATION: 12 months starting from October/November 2020

GROSS SALARY: € 19.367,00

APPLICATION DEADLINE: 3rd September 2020

FURTHER DETAILS: [Application Website](#) (Italian only). Please email any questions to:

- Danilo Comminiello: danilo.comminiello@uniroma1.it
- Simone Scardapane: simone.scardapane@uniroma1.it



SAPIENZA
UNIVERSITÀ DI ROMA



**Intelligent Signal Processing
And MultiMedia lab**