

## Schedule – January 19<sup>th</sup> 2022

# Applying Passive Acoustic Monitoring: current practices and future solutions

**Note:** Please remember to register by clicking [here](#). It is mandatory to receive the link. Schedule according to Central European Time.

### 09:30 – 09:50 | Introduction

*Presented by:* Magali Gerino (Université Toulouse III – Paul Sabatier) and Camille Desjonquères

- Welcome and quick introduction of the conference

### 09:50 – 10:00 | Presentation of Tr@nsnet

*Presented by:* Lou Ackermann – Université Toulouse III – Paul Sabatier

- A quick introduction to the project: partnership, task groups, activities, objectives.

### 10:00 – 11:30 | First session: Sampling designs

- Luis Santamaria - Estación Biológica de Doñana, Spain

Integrating automated recordings, remote sensing and in-situ data within long-term monitoring schemes: an example from an iconic Mediterranean area, the Doñana National park.

- Diego Llusia - Universidad Autónoma de Madrid, Spain

Trends in passive acoustics: sampling design and monitoring networks

- Open discussion on sampling design for acoustic monitoring

### 11:30 – 12:00 | Coffee break

### 12:00 – 13:30 | Second session: Hardware

- Becky Heath - Imperial College, UK

Deploying autonomous 3D recorders

- Laura Mascaraque - Universidad Politécnica de Madrid, Spain

IoT solutions for wildlife acoustic sensors

- Open discussion on hardware for acoustic monitoring

### 13:30 – 15:00 – Lunch break

### 15:00 – 16:30 | Third session: Signal processing

- Rachel Buxton - Carleton University, Canada

\*Title to be announced\*

### IoT solutions for wildlife acoustic sensors

- Juan Ulloa - Instituto Humboldt, Columbia

Scikit-maad, a package for quantitative soundscape analysis in Python

- Open discussion on signal processing for acoustic monitoring

### 16:30 – 16:40 | Concluding remarks

For the persons attending in-person in Madrid:

**Location:** CeDIInt, UPM - Campus Montegancedo, 28223, Madrid, Spain.