

# Remote and Real-Time Monitoring of the Urban Noise Environment

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December 7, 2017



Introduction & case study

Introduction &  
case study

Technology background

Technology  
background

Project goals

Project goals

Acoustic sensing  
basics

Acoustic sensing basics

Current project  
status

Current project status

Questions/feedback

Questions/feedback

# Introduction & case study

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Motivate acoustic sensing

Talk about SONYC project

# Technology background

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Talk about LoRaWAN and its relevance to the project

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Talk about desired sensor unit capabilities

Talk about in-network processing and trying to push  
LoRaWAN to the edge

# Acoustic sensing basics

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Explain how acoustic sensing works. High-level, just what's necessary to understand the next points:

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Talk about noise monitoring standards (Class 2 sensors)

Talk about how “far away” a microphone can sense

# Current project status

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Where are we at?

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Briefly discuss/motivate hardware choices

Show-and-tell with hardware we bring to the meeting

# Questions/feedback

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